

Index to NASA News Releases and Speeches 1989

(NASA-TM-106031) INDEX TO NASA NEWS
RELEASES AND SPEECHES, 1989 (NASA) 63 p.
CSCL 058

N91-26940

63
2/82 Unclas
0020529

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

This index was prepared by the NASA Scientific and Technical Information Facility operated for the National Aeronautics and Space Administration by RMS Associates.

Index to NASA News Releases and Speeches 1989

**An index to selected news releases and speeches
issued by NASA Headquarters during 1989.**



National Aeronautics and Space Administration
Office of Management
Scientific and Technical Information Division
Washington, DC

1990

INTRODUCTION

This issue of the *Index to NASA News Releases and Speeches* contains a listing of news releases distributed by the Office of Public Affairs, NASA Headquarters, and a selected listing of speeches presented by members of the Headquarters staff during 1989. This index supplements the previous issues that were identified as *Index to NASA News Releases and Speeches 1963-1966*, and the supplements for 1967 through 1988.

The index is arranged in six sections - Subject Index, Personal Names Index, News Release Number Index, Accession Number Index, Speeches, and News Releases.

Section 1, Subject Index, contains subject headings arranged alphabetically that describe the contents of the items indexed. Under each heading the user will find applicable references to news releases and speeches containing information on that subject entry and, in many cases, cross-references to related subject headings. Each entry contains the title, accession number, news release number, and reference section (05 for Section 5, Speeches and 06 for Section 6, News Releases).

Two types of cross-references are used:

S for 'SEE' directs the user to a subject heading where references can be found—

COMSAT

S COMMUNICATIONS SATELLITE CORP.

SA for 'SEE ALSO' directs the user to related subject headings where additional references may be found—

COMMUNICATION SATELLITES

SA TELESAT SATELLITES

Section 2, Personal Names Index, contains personal names arranged alphabetically that identify the persons mentioned in the indexed items or, in the case of speeches, the speaker. Each entry contains the title, accession number, news release number, and the reference section. The symbol + is used to identify speeches presented by the person under whose name they are indexed.

Section 3, News Release Number Index, lists all numbered NASA News Releases arranged in news release number order, with the corresponding accession and reference numbers.

Section 4, Accession Number Index, lists all items indexed in this publication arranged in accession number order. Each entry contains the reference section and the corresponding news release number.

Section 5, Speeches, lists the speeches indexed in this publication arranged in accession number order. Each entry contains the title, speaker, date of release, and other reference information.

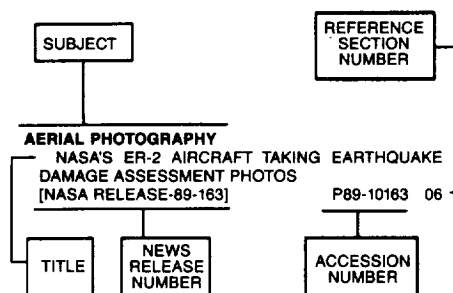
Section 6, News Releases, lists the news releases, press briefings, news conference transcripts, and other public information releases indexed in this publication, arranged in accession number order. Each news release reference contains the title, date of release, news release number, if any, and other reference information.

Copies of documents listed in this index are available to NASA offices on request from the NASA Scientific and Technical Information Facility, P.O. Box 8757, BWI Airport, MD 21240. Requests for copies of the index itself should be addressed to the Scientific and Technical Information Division, Code NTT, National Aeronautics and Space Administration, Washington, DC 20546.

Table of Contents

SECTION	PAGE
1. Subject Index	A-1
2. Personal Names Index	B-1
3. News Release Number Index	C-1
4. Accession Number Index	D-1
5. Speeches	E-1
6. News Releases	F-1

Typical Subject Index Listing



The title of the news release or speech is used as the prime retrieval point. The accession number is located at the bottom right of the entry, followed by a two-digit number (05 or 06) identifying the index section where the complete citation appears. If available, the news release number is also included.

A

ACADEMY OF SCIENCES, U.S.S.R.

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

ACCIDENT INVESTIGATION

LANGLEY RESEARCH CENTER WIND TUNNEL
MISHAP STUDY REPORT RELEASED
[NASA RELEASE-89-114] P89-10114 06

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

ACRC SYSTEM

S ASSURED CREW RETURN CAPABILITY

ADAPTATION

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

ADMINISTRATIVE OPERATIONS

S ORGANIZATION CHANGE

ADVANCED COMMUNICATIONS TECHNOLOGY SAT.

HARRIS CORP. SELECTED FOR ADVANCED
COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

ADVANCED COMPOSITE STRUCTURES TECH. PROG.

CONTRACTS AIM AT BREAKTHROUGHS IN
AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

ADVANCED COMPOSITION EXPLORER /ACE/

NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

ADVANCED FIGHTER TECHNOLOGY INTEGRATION

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

ADVANCED LAUNCH SYSTEM /ALS/

CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

ADVANCED RESEARCH AND TECHNOLOGY

NASA DESIGNATES 17 SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

ADVANCED SOLID ROCKET MOTOR /SHUTTLE/

ENVIRONMENTAL IMPACT STATEMENT FOR ASRM
ISSUED
[NASA RELEASE-89-37] P89-10037 06

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

ADVANCED STOVL AIRCRAFT

S STOVL AIRCRAFT

ADVANCED X-RAY ASTROPHYSICS FACILITY

S X-RAY ASTROPHYSICS FACILITY

AERIAL PHOTOGRAPHY

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE
DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06

AERODYNAMIC TEST RANGE

S EDWARDS AFB, CALIF.

AERODYNAMICS

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

AEROJET CO.

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

AEROJET SOLID PROPULSION CO., CA.

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

AEROJET-GENERAL CORP.

CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

AERONAUTICS

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

AEROSOLS

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

AEROSPACE ENGINEERING

NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

AEROSPACE MEDICINE

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

AEROSPACE PLANES

SA X-30 AIRCRAFT

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

AGREEMENTS

S INTERNATIONAL AGREEMENTS

AIR FLOW

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

AIR FORCE SPACE SYSTEMS

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

AIR FORCE, U.S.

S VANDENBERG AFB, CALIF.
S WRIGHT-PATTERSON AFB, OHIO

AIR LAND INTERACTIONS

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

AIR POLLUTION

STUDY SHOWS COMMON PLANTS HELP REDUCE
INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

AIR SAMPLING

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

AIRCRAFT

S AEROSPACE PLANES
S CONVAIR CV-990 AIRCRAFT
S DC-8 AIRCRAFT
S ER-2 AIRCRAFT
S F-15 AIRCRAFT
S F-16 AIRCRAFT
S F-111 AIRCRAFT
S F/A-18 AIRCRAFT
S HYPERSONIC AIRCRAFT
S SHUTTLE TRAINING AIRCRAFT
S STOVL AIRCRAFT
S TRANSPORT AIRCRAFT
S X-15 AIRCRAFT
S X-29 AIRCRAFT

AIRCRAFT COMMUNICATIONS

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE TEST
[NASA RELEASE-89-56] P89-10056 06

AIRCRAFT CONTROL

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06

AIRCRAFT DESIGN

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH, PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06

NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

AIRCRAFT ENGINES

U.S. GOVERNMENT REGAINS \$19 MILLION FROM AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

AIRCRAFT LANDING DYNAMICS FACILITY, LARC

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

AIRCRAFT PERFORMANCE

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH, PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

AIRCRAFT SAFETY

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

AIRCRAFT TECHNOLOGY

SA AUGMENTED LIFT SYSTEMS

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

AIRCRAFT TESTS

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

AIRCRAFT WINGS

SA MISSION ADAPTIVE WINGS
SA SWEPTFORWARD WINGS

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

AIRFOILS

S AIRCRAFT WINGS
S SWEPTFORWARD WINGS

AIRS /INFRARED SOUNDER/

S ATMOSPHERIC INFRARED SOUNDER /AIRS/

AIRSHOW CANADA

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

ALABAMA UNIV., HUNTSVILLE

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

ALARMS

S WARNING SYSTEMS

ALASKA

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

ALASKA UNIV.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

AMERICAN ASTRONOMICAL SOCIETY

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

AMERICAN NATIONAL STANDARDS INSTITUTE

ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06

AMERICAN ROCKET CO., CALIF.

NASA, AMROC AGREE TO CRITICAL CHEMICAL EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

AMERICAN SOCIETY FOR QUALITY CONTROL

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

AMERICAN TELEPHONE AND TELEGRAPH CO.

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

AMES RESEARCH CENTER, MOFFETT FIELD, CA.

BALLHAUS RETURNS TO AMES RESEARCH CENTER
[NASA RELEASE-89-12] P89-10012 06

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

NASA FINAL PROPPAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

COMPTON NAMES AMES RESEARCH CENTER DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

AMMONIUM PERCHLORATE

FINANCING ARRANGED FOR AMMONIUM PERCHLORATE PLANT
[NASA RELEASE-89-40] P89-10040 06

AMROC

S AMERICAN ROCKET CO., CALIF.

ANNOUNCEMENT OF OPPORTUNITY

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

ANTARCTICA

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87 RECORD
[NASA RELEASE-89-160] P89-10160 06

APOLLO PROJECT

APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE TO ENHANCE HUMAN LIFE
[NASA RELEASE-89-117] P89-10117 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

- APOLLO SPACECRAFT**
S APOLLO 11
- APOLLO 11**
APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06
NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05
- APPLICATIONS SATELLITES**
S COMMUNICATION SATELLITES
- APPLIED PHYSICS LAB., LAUREL, MD.**
NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06
- APPROPRIATIONS AND BUDGETS**
SA FUNDING
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05
NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
COLORADO P89-10197 05
NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- ARC**
S AMES RESEARCH CENTER, MOFFETT FIELD,
CA.
- ARCHAEOLOGY**
CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06
- ARGONNE NATIONAL LAB., ILL.**
MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06
- ARIZONA UNIV.**
ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06
NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06
- ARTIFICIAL INTELLIGENCE**
NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06
- ASRM**
S ADVANCED SOLID ROCKET MOTOR /SHUTTLE/
- ASSOCIATION OF UNIV. FOR RES. IN ASTRON.**
ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06
SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06
- ASSURED CREW RETURN CAPABILITY**
NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06
- ASTEROIDS**
NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06
- ASTOVL AIRCRAFT**
S STOVL AIRCRAFT
- ASTRO MISSIONS**
U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06
NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06
- ASTROMAG**
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06
- ASTRONAUTS**
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
DEADLINE SET FOR NEXT ASTRONAUT
SELECTION
[NASA RELEASE-89-50] P89-10050 06
MCBRIDE TO LEAVE NASA; BRAND NAMED
COMMANDER OF STS-35
[NASA RELEASE-89-62] P89-10062 06
APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06
ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06
NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06
ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06
NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06
- ASTRONOMICAL SPECTROSCOPY**
ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06
- ASTRONOMY**
SA INFRARED ASTRONOMY
SA MICROWAVE ASTRONOMY
SA RADIO ASTRONOMY
SA SUBMILLIMETER WAVE ASTRONOMY
SA X-RAY ASTRONOMY
CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06
SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06
- NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06
NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- ASTROPHYSICS**
NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- ATLANTIS**
SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06
ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06
- ATLAS LAUNCH VEHICLE**
NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06
- ATLAS-CENTAUR LAUNCH VEHICLES**
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06
- ATMOSPHERE**
S EARTH ATMOSPHERE
S IONOSPHERE
S MAGNETOSPHERE
S PLANETARY ATMOSPHERES
- ATMOSPHERIC COMPOSITION**
NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06
- ATMOSPHERIC INFRARED SOUNDER /AIRS/**
NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06
NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06
- ATMOSPHERIC PHYSICS**
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06
NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06
GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06
- ATMOSPHERIC SOUNDING**
NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06
- ATMOSPHERIC TEMPERATURE**
EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06
NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06
- ATOMIC CLOCKS**
NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06
- AUBURN UNIV., ALA.**
NASA TO EXPAND UNIVERSITY RESEARCH
PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06
COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

AUDIO EQUIPMENT

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

AUDIO EQUIPMENT

ADMINISTRATOR TRULY GIVES BOOST TO READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06

AUDIO-VISUAL MATERIALS

APOLLO 11 CREW 20TH ANIVERSARY PRESS CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

AUGMENTED LIFT SYSTEMS

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

AURA

S ASSOCIATION OF UNIV. FOR RES. IN ASTRON.

AUSSAT PTY LTD.

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

AUSTRALIA

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

AVIONICS

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

AWARDS

SA COLLIER TROPHY
SA CONTRACT AWARDS
SA EXCELLENCE AWARD, NASA

LEWIS RESEARCH CENTER WINS QUALITY IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO RESIGN
[NASA RELEASE-89-60] P89-10060 06

ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06

MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06

AL DIAZ SELECTED AS DEPUTY ASSOCIATE ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

FORCE TO HEAD NASA SPACE OPERATIONS, ALLER TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

O'BRIEN RETURNS TO NASA AS ASSISTANT DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

MOOREHEAD NAMED SPACE STATION FREEDOM PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

COMPTON NAMES AMES RESEARCH CENTER DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

B

BACKGROUND RADIATION

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

BALL AEROSPACE SYSTEMS, BOULDER, COLO.

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

BARIUM CLOUDS

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

BARRIOS TECHNOLOGY, INC., HOUSTON, TEX.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

BATTELLE-NORTHWEST, RICHLAND, WASH.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

BENDIX CORP.

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

BENDIX FIELD ENG. CORP., COLUMBIA, MD.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

BERMUDA

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

BIG-BANG COSMOLOGY

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

BIOGRAPHY

ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06

BALLHAUS RETURNS TO AMES RESEARCH CENTER
[NASA RELEASE-89-12] P89-10012 06

THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD, LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06

ASTRONAUT HAUCK DEPARTING NASA FOR NAVY POST AT PENTAGON
[NASA RELEASE-89-39] P89-10039 06

ROSEN NAMED ACTING ASSOCIATE ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

ACTING NASA ADMINISTRATOR TO RESIGN
[NASA RELEASE-89-49] P89-10049 06

ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO RESIGN
[NASA RELEASE-89-60] P89-10060 06

ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06

MCBride TO LEAVE NASA; BRAND NAMED COMMANDER OF STS-35
[NASA RELEASE-89-62] P89-10062 06

ASTRONAUTS NAMED TO TWO DOD MISSIONS SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

SPACE STATION PROGRAM LEADERSHIP SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

BRIDWELL TO MANAGE SHUTTLE PROJECTS OFFICE AT MARSHALL
[NASA RELEASE-89-78] P89-10078 06

SMITH APPOINTED DEPUTY DIRECTOR, NASA STENNIS SPACE CENTER
[NASA RELEASE-89-85] P89-10085 06

AL DIAZ SELECTED AS DEPUTY ASSOCIATE ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06

TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

FORCE TO HEAD NASA SPACE OPERATIONS, ALLER TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

O'BRIEN RETURNS TO NASA AS ASSISTANT DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06

MOOREHEAD NAMED SPACE STATION FREEDOM PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COMPTON NAMES AMES RESEARCH CENTER DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

BIOLOGICAL EFFECTS

SA PHYSIOLOGICAL EFFECTS
NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

C

BIOLOGICAL RESEARCH

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

BIOLOGY

S PHYSIOLOGY

BIOMEDICAL RESEARCH

NASA AND NIH APPOINT INTERAGENCY WORKING GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

BIOSCIENCE

S EXOBIOLOGY
S LIFE SCIENCES
S PHYSIOLOGY

BIOTECHNOLOGY

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

BLACK BRANT SOUNDING ROCKETS

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

BLACK HOLES /ASTRONOMY/

SCIENCE OBSERVATIONS SELECTED FOR NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

BLOOD CELLS

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

BOEING CO.

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

BOEING CO., SEATTLE, WASH.

NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

BOEING, MARTIN MARIETTA TO STUDY SPACE TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

BOEING COMPUTER SUPPORT SERVICES, INC.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

BONES

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

BOOSTERS

S LAUNCH VEHICLES

BOSTON UNIV.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

BRITISH AEROSPACE CORP.

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

BUDGETS

S APPROPRIATIONS AND BUDGETS
S FUNDING

C-BAND

SOLICITATION PACKAGE RELEASED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

CALIFORNIA

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

CALIFORNIA INST. OF TECHNOL., PASADENA

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

CALIFORNIA UNIV.

MOBILE VLBI UNITS MEASURE MOVEMENT FROM LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

CALIFORNIA UNIV., BERKELEY

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

CALIFORNIA UNIV., LOS ANGELES

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

CALIFORNIA UNIV., SAN DIEGO

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

CANADA

SA MINISTRY FOR SCIENCE AND TECH., CANADA SA NATIONAL RESEARCH COUNCIL, CANADA

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

CANADIAN ATMOSPHERIC ENVIRONMENTAL SERVICE

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

CAPE CANAVERAL, FLA.

S KENNEDY SPACE CENTER, COCOA BEACH, FLA.

CAPE KENNEDY, FLA.

S KENNEDY SPACE CENTER, COCOA BEACH, FLA.

CARBON DIOXIDE

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

CARBON FIBERS

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

CASSINI MISSION

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

CELLS

S CELLS /BIOLOGY/

CELLS /BIOLOGY/

NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

CENTAUR LAUNCH VEHICLE

S ATLAS-CENTAUR LAUNCH VEHICLES

CENTERS FOR THE COMMERCIAL DEV. OF SPACE

COMMERCIAL SPACE RESEARCH LEADS TO IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

CENTRAL INTELLIGENCE AGENCY, WASH., D.C.

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA
P89-10194 05

CHARGED PARTICLES

S SPACE PLASMAS

CHEMICAL CLOUDS

S BARIUM CLOUDS

CHEMICAL SYSTEMS FOR SPACE POWER

S SPACE POWER

CHINA

S PEOPLE'S REPUBLIC OF CHINA

CHINESE PEOPLE'S REPUBLIC

S PEOPLE'S REPUBLIC OF CHINA

CHLOROPHYLL

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

CIRCADIAN RHYTHMS

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

CIVILIAN ROLE IN SPACE

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA
P89-10194 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM, COLORADO SPRINGS, COLORADO
P89-10197 05

CLIMATOLOGY

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

CLOCKS

S ATOMIC CLOCKS

CLOUDS

SA BARIUM CLOUDS

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

COBE /COSMIC BACKGROUND EXPLORER/

S COSMIC BACKGROUND EXPLORER SATELLITE

COLLIER TROPHY

NASA FINAL PROFFAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

COLORADO UNIV.

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

COLUMBIA

NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

FINDINGS RELEASED ON ORBITER PROCESSING FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

COMET RENDEZVOUS/ASTEROID FLYBY

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

COMMERCE

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

COMMERCE, DEPARTMENT OF

S DEPARTMENT OF COMMERCE

COMMERCIAL COMMUNICATIONS SATELLITES

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

COMMERCIAL LAUNCH SERVICES

NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

NASA, AMROC AGREE TO CRITICAL CHEMICAL EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

CONTRACTOR SELECTED FOR MEDIUM EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

COMMERCIAL SPACE POLICY

NASA COMMERCIAL PROGRAMS OFFICE TO EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

COMMUNICATION NETWORKS

S SPACEBRIDGE NETWORK

COMMUNICATION SATELLITES

SA COMMERCIAL COMMUNICATIONS SATELLITES
SA COMSAT SATELLITES
SA FLTSATCOM SATELLITES
SA INTELSAT SATELLITES
SA LEASAT-5
SA SYNCOM 4

TRACKING AND DATA RELAY SATELLITE-4 DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

SOLICITATION PACKAGE RELEASED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06

COMMUNICATIONS

SA AIRCRAFT COMMUNICATIONS
SA LASER COMMUNICATIONS
SA MICROWAVE COMMUNICATIONS
SA RADIO COMMUNICATIONS
SA SATELLITE COMMUNICATION
SA SPACE COMMUNICATIONS

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

COMMUNICATIONS SATELLITE CORP.

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

COMMUNICATIONS SYSTEMS

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

COMPETITION

PRESIDENT BUSH NAMES REPLACEMENT ORBITER 'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

COMPUTATIONAL FLUID DYNAMICS

NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

COMPUTER AIDED DESIGN

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

COMPUTER PROGRAMS

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

COMPUTER SCIENCES CORP.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

COMPUTER TECHNIQUES

NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

COMPUTERIZED SIMULATION

NASA GODDARD TO OPEN SPACE ROBOTICS ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

COMPUTERS

S DATA PROCESSING
S SUPERCOMPUTERS

COMSAT GENERAL CORP.

S COMMUNICATIONS SATELLITE CORP.

COMSAT SATELLITES

U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

CONATEC, INC.

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

CONFERENCES

SA EAA FLY-IN CONV. & SPORT AVIATION EXHIB.
SA NATIONAL SPACE OUTLOOK CONFERENCE
SA SATELLITE SERVICING WORKSHOP

SHUTTLE-C USERS' CONFERENCE SLATED FOR MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

APOLLO 11 CREW 20TH ANIVERSARY PRESS CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

U.S./USSR SOLAR SYSTEM JOINT WORKING GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C.
P89-10187 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS, COLORADO
P89-10197 05

CONSTELLATIONS

S LEO CONSTELLATION

CONTINUUM DYNAMICS, INC., PRINCETON, N.J.

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

CONTRACT AWARDS

NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

HARRIS CORP. SELECTED TO NEGOTIATE MAJOR KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

NASA SELECTS CONTRACTOR TO DEVELOP ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

CONTRACTOR CHOSEN FOR STENNIS FACILITY OPERATING SUPPORT SERVICES
[NASA RELEASE-89-98] P89-10098 06

CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

HARRIS CORP. SELECTED FOR ADVANCED COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

CONTRACTOR SELECTED FOR MEDIUM EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

NASA DESIGNATES 17 SPACE GRANT COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

NASA SELECTS SMALL BUSINESS RESEARCH PROPOSALS
[NASA RELEASE-89-150] P89-10150 06

NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06

CONTRACT NEGOTIATIONS

NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

BOEING, MARTIN MARIETTA TO STUDY SPACE TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

CONTRACTING AND PROCUREMENT

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

CONTROL SYSTEMS

S AIRCRAFT CONTROL
S ENGINE CONTROL
S ENVIRONMENTAL CONTROL

CONVAIR CV-990 AIRCRAFT

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

COOPERATION

S INDUSTRIAL COOPERATION
S INTERAGENCY COOPERATION
S INTERNATIONAL COOPERATION
S SCHOLASTIC COOPERATION

CORNELL UNIV., N.Y.

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

COSMIC BACKGROUND EXPLORER SATELLITE

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE PERIOD
[NASA RELEASE-89-63] P89-10063 06

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOs OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

COSMIC DUST

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

COSMIC DUST COLLECTION FACILITY

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

COSMIC RAYS

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

COSMOLOGY

S BIG-BANG COSMOLOGY

COSMOS SATELLITES

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

COST ESTIMATES

HARRIS CORP. SELECTED FOR ADVANCED COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

NASA SEEKS SPACE STATION ASSURED CREW RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

COST RECOVERY

U.S. GOVERNMENT REGAINS \$19 MILLION FROM AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

COST REDUCTION

CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

COUNCIL OF CHIEF STATE SCHOOL OFFICERS

SHUTTLE ORBITER-NAMING COMPETITION STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06

CRAF MISSION

S COMET RENDEZVOUS/ASTEROID FLYBY

CRASH HAZARD

S AIRCRAFT SAFETY

CRITICAL VELOCITY EFFECT THEORY, ASTROPHY.

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

CRUSTAL DYNAMICS PROJECT, NASA

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

CRYSTAL GROWTH

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

CRYSTALLOGRAPHY

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

CUMMINS ENGINE CO., INC., COLUMBUS, IND.

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

CV-990 AIRCRAFT

S CONVAIR CV-990 AIRCRAFT

D

DAYTON RESEARCH INSTITUTE, OHIO

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

DC-8 AIRCRAFT

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

DEAN & ASSOCIATES, ALEXANDRIA, VA.

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

DEBRIS

S SPACE DEBRIS

DEEP SPACE NETWORK

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

DEFENSE, DEPARTMENT OF

S DEPARTMENT OF DEFENSE

DELTA LAUNCH VEHICLES

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

DEPARTMENT OF COMMERCE

SA NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.
ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

DEPARTMENT OF DEFENSE

SA DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

DEPARTMENT OF ENERGY

SA ARGONNE NATIONAL LAB., ILL.
NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

DEPARTMENT OF HEALTH AND HUMAN SERVICES

NASA ANNOUNCES PROGRAM FOR A DRUG-FREE WORKPLACE
[NASA RELEASE-89-11] P89-10011 06

DEPARTMENT OF INTERIOR

S GEOLOGICAL SURVEY, U.S.

DEPARTMENT OF STATE

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

DEPARTMENT OF THE TREASURY

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

DEPARTMENT OF TRANSPORTATION

SA FEDERAL AVIATION ADMINISTRATION
ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

DESERTS

S MOJAVE DESERT, CALIF.

DESIGN CRITERIA

S AIRCRAFT DESIGN
S FACILITY PLANNING AND DESIGN
S SATELLITE CONFIGURATIONS
S SPACECRAFT DESIGN

DESTINATION MARS COMPETITION

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

DETECTORS

S INFRARED DETECTORS

DIABETES AND KIDNEY DISEASES

NASA/UNIVERSITY COLLABORATION MAY YIELD AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

DIAGNOSIS

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06
U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

DIGITAL CODING

S DATA PROCESSING

DISASTERS

S ENVIRONMENTAL DISASTERS

DISCOVERY

STS-29 COUNTDOWN DEMONSTRATION TEST SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

DOC

S DEPARTMENT OF COMMERCE

DOD

S DEPARTMENT OF DEFENSE

DOE

S DEPARTMENT OF ENERGY

DOMESTIC APPLICATIONS

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

DOT

S DEPARTMENT OF TRANSPORTATION

DRAG REDUCTION

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

DRUG TESTING /PERSONNEL/

NASA ANNOUNCES PROGRAM FOR A DRUG-FREE WORKPLACE
[NASA RELEASE-89-11] P89-10011 06
NASA ANNOUNCES IMPLEMENTATION OF DRUG FREE WORKPLACE PROGRAM
[NASA RELEASE-89-179] P89-10179 06

DRUGS

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06
NASA ANNOUNCES IMPLEMENTATION OF DRUG FREE WORKPLACE PROGRAM
[NASA RELEASE-89-179] P89-10179 06

DRYDEN FLIGHT RESEARCH FACILITY, CALIF.

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH, PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06
TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

NASA FINAL PROPPAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

COMPTON NAMES AMES RESEARCH CENTER DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

DSN

S DEEP SPACE NETWORK

DUDLEY OBSERVATORY, ALBANY, N.Y.

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

DURHAM UNIV., ENGLAND

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

DUST

S COSMIC DUST
S INTERSTELLAR DUST

E

E PRIME AEROSPACE

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

E.G.&G.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

EAA FLY-IN CONV. & SPORT AVIATION EXHIB.

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

EARTH ATMOSPHERE

SA IONOSPHERE
SA MAGNETOSPHERE
SA UPPER ATMOSPHERE

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C.
P89-10190 05

EARTH CRUST

NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

EARTH ENVIRONMENT

SA ENVIRONMENTAL DISASTERS

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

EARTH OBSERVATIONS /FROM SPACE/

DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

EARTH OBSERVING SYSTEM /EOS/

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE PERIOD
[NASA RELEASE-89-63] P89-10063 06

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C.
P89-10190 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

EARTH RADIATION BUDGET EXPERIMENT

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

EARTH RADIATION BUDGET SATELLITE SYSTEM

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C.
P89-10190 05

EARTH RESOURCES

S VEGETATION

EARTH RESOURCES TECHNOLOGY SATELLITES

S LANDSAT SATELLITES

EARTH ROTATION

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

EARTH SCIENCE PROGRAM, NASA

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

EARTH SURFACE

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

EARTH SYSTEM SCIENCE COMMITTEE

S NASA ADVISORY COUNCIL

EARTHQUAKE DAMAGE

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06

- NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06
- EARTHQUAKES**
- U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06
- NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06
- MOBILE VLBI UNITS MEASURE MOVEMENT FROM LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06
- ECHOCARDIOGRAPH EXPERIMENT**
- SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- ECLIPSE**
- S LUNAR ECLIPSE
S SOLAR ECLIPSE
- ECONOMIC DEVELOPMENT**
- NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06
- APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE TO ENHANCE HUMAN LIFE
[NASA RELEASE-89-117] P89-10117 06
- NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06
- ECONOMIC IMPACT**
- NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06
- STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06
- EDUCATION**
- SA NATIONAL SCIENCE TEACHERS ASSOC.
SA TEACHER RESOURCE CENTERS, NASA
- TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06
- EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05
- EDUCATIONAL AFFAIRS DIVISION, NASA**
- NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06
- PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06
- SPACE EXPOSED TOMATO SEEDS ARE COMING HOME
[NASA RELEASE-89-174] P89-10174 06
- EDUCATIONAL PROGRAMS**
- SA PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS
SA UNIVERSITY PROGRAMS
- SHUTTLE ORBITER-NAMING COMPETITION STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06
- PRESIDENT BUSH NAMES REPLACEMENT ORBITER 'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06
- NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06
- PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06
- NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06
- ADMINISTRATOR TRULY GIVES BOOST TO READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06
- THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06
- EDWARDS AFB, CALIF.**
- SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06
- EG&G FLORIDA, INC.**
- NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06
- EINSTEIN OBSERVATORY**
- S HEAO-2
- ELECTRIC FIELD**
- ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06
- ELECTROMAGNETIC RADIATION**
- SA RADIO WAVES
SA X-RAYS
- NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06
- ELECTRONIC EQUIPMENT**
- MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06
- EMPLOYEE ASSISTANCE CENTER**
- NASA ANNOUNCES PROGRAM FOR A DRUG-FREE WORKPLACE
[NASA RELEASE-89-11] P89-10011 06
- NASA ANNOUNCES IMPLEMENTATION OF DRUG FREE WORKPLACE PROGRAM
[NASA RELEASE-89-179] P89-10179 06
- ENCODER**
- S DATA PROCESSING
- ENDEAVOUR**
- PRESIDENT BUSH NAMES REPLACEMENT ORBITER 'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06
- NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06
- ENGINE CONTROL**
- CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06
- ENGINE DESIGN**
- CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06
- CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06
- ENGINE TESTS**
- SPACE SHUTTLE SOLID ROCKET MOTOR SLATED FOR FINAL TEST FIRING
[NASA RELEASE-89-2] P89-10002 06
- ENVIRONMENTAL IMPACT STATEMENT FOR ASRM ISSUED
[NASA RELEASE-89-37] P89-10037 06
- ENGINEERING**
- S AEROSPACE ENGINEERING
- ENGINEERING DEVELOPMENT LAB., INC., VA.**
- NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06
- ENGINES**
- S ADVANCED SOLID ROCKET MOTOR /SHUTTLE/
S AIRCRAFT ENGINES
S JT8D ENGINE
S LIQUID PROPELLANT ROCKET ENGINES
S SOLID PROPELLANT ROCKET ENGINES
S SOLID ROCKET MOTOR
S SPACE TRANSPORTATION BOOSTER ENGINE
S SPACE TRANSPORTATION MAIN ENGINE
S STIRLING ENGINE
- ENVIRONMENT**
- S EARTH ENVIRONMENT
S ENVIRONMENTAL DISASTERS
S ENVIRONMENTAL IMPACTS
- ENVIRONMENTAL CONTROL**
- STUDY SHOWS COMMON PLANTS HELP REDUCE INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06
- ENVIRONMENTAL DISASTERS**
- U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06
- U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06
- ENVIRONMENTAL IMPACTS**
- ENVIRONMENTAL IMPACT STATEMENT FOR ASRM ISSUED
[NASA RELEASE-89-37] P89-10037 06
- NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06
- ENVIRONMENTAL MONITORING**
- NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06
- NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06
- NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06
- NASA SCIENTISTS OBSERVE STRONG ANTARCTIC OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06
- NASA CONFIRMS '89 OZONE HOLE MATCHES '87 RECORD
[NASA RELEASE-89-160] P89-10160 06
- EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05
- EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C.
P89-10190 05
- ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05
- NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- EOS /EARTH OBSERVING SYSTEM/**
- S EARTH OBSERVING SYSTEM /EOS/
- EPOXY RESINS**
- CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06
- EQUATORIAL ORBIT**
- NASA GODDARD CENTER REQUESTS COMMERCIAL LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06
- EQUIPMENT**
- S ELECTRONIC EQUIPMENT
S GROUND SUPPORT EQUIPMENT
S RESCUE EQUIPMENT
- ER-2 AIRCRAFT**
- NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06
- ERTS**
- S LANDSAT SATELLITES
- ESRO**
- S EUROPEAN SPACE AGENCY
- EUREKA SPACECRAFT**
- NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06
- ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06
- EUROPEAN SPACE AGENCY**
- NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

F

NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

EUROPEAN SPACE RESEARCH ORGANIZATION

S EUROPEAN SPACE AGENCY

EUROSPACE

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT, PARIS, FRANCE
P89-10188 05

EVOLUTION

S GALACTIC EVOLUTION
S PLANETARY EVOLUTION
S STELLAR EVOLUTION

EXCELLENCE AWARD, NASA

EIGHT FIRMS NAMED NASA QUALITY AND
PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

EXHIBITS

SA AIRSHOW CANADA
SA EAA FLY-IN CONV. & SPORT AVIATION EXHIB.
VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

NASA COMMERCIAL PROGRAMS OFFICE TO
EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

EXOBIOLGY

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

EXPENDABLE LAUNCH VEHICLES

NASA, AMROC AGREE TO CRITICAL CHEMICAL
EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

EXPERIMENTAL AIRCRAFT ASSOCIATION

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

EXPERIMENTS

S ECHOCARDIOGRAPH EXPERIMENT
S SPACEBORNE EXPERIMENTS

EXPLORER PROGRAM

SA SMALL-CLASS EXPLORER PROGRAM
NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

EXPLORER SCIENTIFIC SATELLITES

S ADVANCED COMPOSITION EXPLORER /ACE/
S COSMIC BACKGROUND EXPLORER SATELLITE
S FAR ULTRAVIOLET SPECTROSCOPIC
EXPLORER
S FAST AURORAL SNAPSHOT EXPLORER

EXTRATERRESTRIAL MATERIALS

S LUNAR SAMPLES

F-15 AIRCRAFT

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

F-16 AIRCRAFT

NASA PLANS F-16XL SUSTAINED-SUPERSONIC
AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

F-111 AIRCRAFT

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

F/A-18 AIRCRAFT

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

FAA

S FEDERAL AVIATION ADMINISTRATION

FACILITIES

S LAUNCH COMPLEXES
S TEST FACILITIES

FACILITY PLANNING AND DESIGN

NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

FAILURE INVESTIGATION

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

FAILURE MODES

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

LANGLEY RESEARCH CENTER WIND TUNNEL
MISHAP STUDY REPORT RELEASED
[NASA RELEASE-89-114] P89-10114 06

FAR ULTRAVIOLET SPECTROSCOPIC EXPLORER

NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

FAST AURORAL SNAPSHOT EXPLORER

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

FEDERAL AVIATION ADMINISTRATION

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE
TEST
[NASA RELEASE-89-56] P89-10056 06

FEDERAL COMMUNICATIONS COMMISSION

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

FEDERAL FUNDS FOR SCIENCE

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

FEDERAL REPUBLIC OF GERMANY

S WEST GERMANY
NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

FERRY SPACECRAFT

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

FIELD

S ELECTRIC FIELD

FIFE

S FIRST ISLSCP FIELD EXPERIMENT

FIRST ISLSCP FIELD EXPERIMENT

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

FLEET SATELLITE COMMUNICATION

S FLTSATCOM SATELLITES

FLEET SATELLITE COMMUNICATION SATELLITES

S FLTSATCOM SATELLITES

FLIGHT CONTROL

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

FLIGHT RESEARCH CENTER, EDWARDS, CALIF.

S DRYDEN FLIGHT RESEARCH FACILITY, CALIF.

FLIGHT SIMULATION

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

FLIGHT TELEROBOTIC SERVICER

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

FLIGHT TESTS

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA PLANS F-16XL SUSTAINED-SUPERSONIC
AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

FLTSATCOM SATELLITES

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

FLUID MECHANICS

SA AERODYNAMICS
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

FLUIDS EXPERIMENT APPARATUS /FEA/

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

FLYBY MISSIONS

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

FREQUENCY BANDS

S C-BAND

FREQUENCY MODULATION

S TELEMETRY

FREQUENCY RESPONSE

S HIGH FREQUENCIES

FUEL CONSERVATION

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

FUEL CONSUMPTION

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

SUBJECT INDEX

GODDARD SPACE FLIGHT CTR., GREENBELT, MD.

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

FUELS

S PROPELLANTS

FUNDING

SA FEDERAL FUNDS FOR SCIENCE

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

FUSE /SATELLITE/

S FAR ULTRAVIOLET SPECTROSCOPIC
EXPLORER

G

GALACTIC EVOLUTION

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GALAXIES

S MILKY WAY

GALILEO PROJECT

NASA TO FLY ONE SHUTTLE MISSION BETWEEN
MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

GALILEO 2

S CONVAIR CV-990 AIRCRAFT

GAMMA RAY OBSERVATORY

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

GASES

S ATMOSPHERIC COMPOSITION
S CARBON DIOXIDE
S INTERSTELLAR GAS
S OZONE

GENENTECH, INC., SOUTH SAN FRANCISCO, CA.

NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

GENERAL AVIATION

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

GENERAL DYNAMICS CORP.

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

GENERAL DYNAMICS CORP., FORT WORTH, TEXAS
VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

GENERAL DYNAMICS SPACE SYST. DIV., CALIF.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

GENERAL ELECTRIC CO., BINGHAMTON, N.Y.

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

GENERAL ELECTRIC CO., PHILADELPHIA, PA.

TWO COMPANIES CHOSEN FOR WORK ON LIFE
SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

GENERAL MICROELECTRONICS, INC., SAN DIEGO

NASA/DARPA LOW-COST PARALLEL-PROCESSING
COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

GENERAL SCIENCES CORP., LAUREL, MD.

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

GEODYNAMICS

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

GEODYNAMICS LASER RANGING SYSTEM /GLRS/

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

GEOLOGICAL SURVEY, U.S.

NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

GEOLOGY

S GEODYNAMICS
S GEOPHYSICS
S TECTONICS
S VOLCANOLOGY

GEOMAGNETIC FIELD

S MAGNETOSPHERE

GEOPHYSICS

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

GEORGE C. MARSHALL SPACE FLIGHT CENTER

S MARSHALL SPACE FLIGHT CENTER, ALA.

GEORGIA UNIV.

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

GEOSTATIONARY OPERATIONAL ENVIRON. SAT.

S GOES /GEOSTAT. OPERATIONAL ENVIRON.
SAT./

GEOSYNCHRONOUS ORBIT

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

GEOTAIL MISSION /JAPAN/

CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

GLOBAL BACKSCATTER EXPERIMENT /GLOBE/

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

GLOBAL CHANGE PROGRAM

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

GLOBAL OCEAN FLUX STUDY

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

GLOBAL POSITIONING SYSTEM

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

GLOBE /EXPERIMENT/

S GLOBAL BACKSCATTER EXPERIMENT /GLOBE/

GLOBULAR CLUSTERS

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

GLRS /LASER RANGING SYSTEM/

S GEODYNAMICS LASER RANGING SYSTEM
/GLRS/

GLUCOSE

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

GODDARD SPACE FLIGHT CTR., GREENBELT, MD.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-63] P89-10063 06

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-66] P89-10066 06

NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

GOES /GEOSTAT. OPERATIONAL ENVIRON. SAT./

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

GOFs /STUDY/

S GLOBAL OCEAN FLUX STUDY

GOLDSTONE TRACKING STATION, CALIF.

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS
RADAR
[NASA RELEASE-89-8] P89-10008 06

GOODRICH /B.F./ CO.

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

GRANTS

NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

NASA DESIGNATES 17 SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

GRAVITATIONAL FIELDS

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

GREENHOUSE EFFECT

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

GROUND STATIONS

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

HARRIS CORP. SELECTED FOR ADVANCED
COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

GROUND SUPPORT EQUIPMENT

SA LAUNCH COMPLEXES

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

GROUND TESTS

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

GRUMMAN AEROSPACE CORP.

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

GRUMMAN TECHNICAL SERVICES, INC.

EIGHT FIRMS NAMED NASA QUALITY AND
PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

GSFC

S GODDARD SPACE FLIGHT CTR., GREENBELT,
MD.

H

HAMILTON STANDARD, WINDSOR LOCKS, CONN.

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

HARRIS CORP., MELBOURNE, FLA.

HARRIS CORP. SELECTED TO NEGOTIATE MAJOR
KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06

HARRIS CORP. SELECTED FOR ADVANCED
COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

HARVARD-SMITHSONIAN CTR. FOR ASTROPHYSICS

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

HAWAII UNIV.

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-184] P89-10184 06

HEAD-UP DISPLAYS

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

HEALTH

PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

HEAO /HIGH ENERGY ASTRONOMICAL OBS./

S HEAO-2

HEAO-2

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

HEAT PIPES

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HEAVY LIFT LAUNCH VEHICLES

SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

HELIOPAUSE

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

HIGH ALPHA PROGRAM

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

HIGH ANGLE-OF-ATTACK PROGRAM

S HIGH ALPHA PROGRAM

HIGH ENERGY ASTRONOMICAL OBSERVATORY

S HEAO-2

HIGH FREQUENCIES

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

HIGH RESOLUTION IMAGING SPECTROMETER

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

HIGH RESOLUTION PHOTOGRAPHY

DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS
RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE
DAMAGE ASSESSMENT PHOTOS
[NASA RELEASE-89-163] P89-10163 06

HIGH TEMPERATURE SUPERCONDUCTORS

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

HIRIS /IMAGING SPECTROMETER/

S HIGH RESOLUTION IMAGING SPECTROMETER

HISTORY

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

HOUSEHOLD APPLICATIONS

S DOMESTIC APPLICATIONS

HUBBLE SPACE TELESCOPE

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
COLORADO P89-10197 05

HUGH L. DRYDEN FLIGHT RESEARCH CENTER

S DRYDEN FLIGHT RESEARCH FACILITY, CALIF.

HUMAN RESEARCH

S BIOTECHNOLOGY

HUMAN RESOURCES

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

HYDROGEN

S SLUSH HYDROGEN

HYDROGEN MASERS

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

HYDROGEN PEROXIDE

NASA, AMROC AGREE TO CRITICAL CHEMICAL
EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

HYPERSONIC AIRCRAFT

SA X-30 AIRCRAFT

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

IMAGE PROCESSING

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

IMAGING TECHNIQUES

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

IMAX SYSTEMS CORP., TORONTO, CANADA

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

IML /SPACE LABORATORY/

S INTERNATIONAL MICROGRAVITY LABORATORY

IMPACT

S ECONOMIC IMPACT

IMPLANTABLE BIOTELEMETRY SYSTEMS

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

IN-FLIGHT MONITORING

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

INDUSTRIAL COOPERATION

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

NASA COMMERCIAL PROGRAMS OFFICE TO
EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

NASA, AMROC AGREE TO CRITICAL CHEMICAL
EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

CONTRACTS AIM AT BREAKTHROUGHS IN
AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C. P89-10195 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
COLORADO P89-10197 05

INERTIAL UPPER STAGE

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

INFRARED ASTRONOMY

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

INFRARED DETECTORS

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

INFRARED SPECTROMETER

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

INFRARED TELESCOPES

S SPACE INFRARED TELESCOPE FACILITY

INST. FOR SPACE/ASTRONAUTICAL SCI., JAP.

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

INSTITUTE FOR SPACE SCI. AND TECHNOL., FL

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

INSTRUMENT PACKAGES

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

INSTRUMENTATION

S SATELLITE INSTRUMENTS

INTEGRATED CIRCUITS

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

INTELSAT CONSORTIUM, WASHINGTON, D.C.

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

INTELSAT SATELLITES

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

INTERAGENCY COOPERATION

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

NASA ANNOUNCES PROGRAM FOR A DRUG-FREE
WORKPLACE
[NASA RELEASE-89-11] P89-10011 06

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE
TEST
[NASA RELEASE-89-56] P89-10056 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

INTERNATIONAL AGREEMENTS

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE
LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

INTERNATIONAL COOPERATION

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

J

NASA SELECTS FLIGHT TELEROBOTIC SERVICER DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

NASA AND GERMAN MINISTRY SIGN SPACE TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

CONTRACTOR SELECTED FOR MEDIUM EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

SCIENCE OBSERVATIONS SELECTED FOR NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

U.S./USSR SOLAR SYSTEM JOINT WORKING GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C. P89-10187 05

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C. P89-10190 05

ADDRESS TO THE NATIONAL PRESS CLUB P89-10191 05

NASA BUDGET PRESS CONFERENCE: STATEMENT OF DR. JAMES C. FLETCHER, NASA ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA P89-10194 05

INTERNATIONAL GLOBAL CHANGE PROGRAM

S GLOBAL CHANGE PROGRAM

INTERNATIONAL MICROGRAVITY LABORATORY

NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

INTERNATIONAL SATELLITES

S COSMOS SATELLITES
S INTELSAT SATELLITES
S IUE /INTERNATIONAL ULTRAVIOLET EXPLORER/

INTERNATIONAL SOLAR POLAR MISSION

S ULYSSES MISSION

INTERNATIONAL SOLAR-TERRESTRIAL PHY. PROG.

NASA GODDARD CENTER REQUESTS COMMERCIAL LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

CONTRACTOR SELECTED FOR MEDIUM EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

INTERNATIONAL SPACE YEAR

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C. P89-10190 05

INTERNATIONAL ULTRAVIOLET EXPLORER

S IUE /INTERNATIONAL ULTRAVIOLET EXPLORER/

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

INTERPLANETARY MAGNETIC FIELDS

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

INTERPLANETARY SPACE

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C. P89-10187 05

INTERSTELLAR DUST

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

INTERSTELLAR GAS

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

INTERSTELLAR SPACE

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

ADDRESS TO THE NATIONAL PRESS CLUB P89-10191 05

IO

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

IONOSPHERE

NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

ISLANDS

S BERMUDA

ITALY

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

IUE /INTERNATIONAL ULTRAVIOLET EXPLORER/

ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
[NASA RELEASE-89-3] P89-10003 06

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

JAPAN

SA INST. FOR SPACE/ASTRONAUTICAL SCI., JAP.
SA NATIONAL SPACE DEVELOP. AGENCY, JAPAN

NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

JAPANESE EXPERIMENT MODULE

NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

JAPANESE SATELLITES

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

JET PROPULSION LAB., PASADENA, CALIF.

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS RADAR
[NASA RELEASE-89-8] P89-10008 06

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE TEST
[NASA RELEASE-89-56] P89-10056 06

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

NASA'S VOYAGER 2 FINDS NEW MOON AROUND NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

VOYAGER DISCOVERS 3 ADDITIONAL MOONS AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

VOYAGER SPACECRAFT DETECTS RADIO EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

JOHN F. KENNEDY SPACE CENTER, NASA, FLA.

S KENNEDY SPACE CENTER, COCOA BEACH, FLA.

JOHNS HOPKINS UNIV., BALTIMORE, MD.

SA APPLIED PHYSICS LAB., LAUREL, MD.

SUBJECT INDEX

ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
[NASA RELEASE-89-3] P89-10003 06

SCIENCE OBSERVATIONS SELECTED FOR NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

JOHNSON SPACE CENTER, HOUSTON, TEX.

NASA CALLS FOR PROPOSALS REGARDING REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS RADAR
[NASA RELEASE-89-8] P89-10008 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD, LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

ASTRONAUT HAUCK DEPARTING NASA FOR NAVY POST AT PENTAGON
[NASA RELEASE-89-39] P89-10039 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06

DEADLINE SET FOR NEXT ASTRONAUT SELECTION
[NASA RELEASE-89-50] P89-10050 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06

SATELLITE SERVICING CONFERENCE SET FOR JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

SECOND GROUP OF ASTRONAUT HOPEFULS TO ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

NASA SEEKS SPACE STATION ASSURED CREW RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

PRIVATE MEDICAL CONSULTATIONS TO BECOME SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED.
[NASA RELEASE-89-168] P89-10168 06

NASA APPOINTS SPAÇELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

DETAILED CONSOLIDATION OF SPACE FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

JOINT ENDEAVOR AGREEMENT

NASA COMMERCIAL PROGRAMS OFFICE TO EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

JOINT VENTURE PROGRAM /JOVE/

NASA TO EXPAND UNIVERSITY RESEARCH PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

JOVE PROGRAM

S JOINT VENTURE PROGRAM /JOVE/

JSC

S JOHNSON SPACE CENTER, HOUSTON, TEX.

JT8D ENGINE

U.S. GOVERNMENT REGAINS \$19 MILLION FROM AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

JUPITER /PLANET/

VOYAGER DISCOVERS 3 ADDITIONAL MOONS AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

JUPITER ATMOSPHERE

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

JUPITER EXPLORATION

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

JUPITER ORBITER/PROBE

S GALILEO PROJECT

JUSTIN ASSOCIATES, WASHINGTON, D.C.

LOGO SELECTED FOR SPACE STATION FREEDOM PROGRAM
[NASA RELEASE-89-68] P89-10068 06

K

KANSAS

NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

KANSAS UNIV.

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

KENNEDY SPACE CENTER, COCOA BEACH, FLA.

STS-29 COUNTDOWN DEMONSTRATION TEST SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06

THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

ENVIRONMENTAL IMPACT STATEMENT FOR ASRM ISSUED
[NASA RELEASE-89-37] P89-10037 06

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

HARRIS CORP. SELECTED TO NEGOTIATE MAJOR KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06

NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06

DETAILED CONSOLIDATION OF SPACE FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

FINDINGS RELEASED ON ORBITER PROCESSING FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

LASER/LIGHT DETECTION AND RANGING

KITT PEAK NATIONAL OBS., TUCSON, ARIZ.

ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
[NASA RELEASE-89-3] P89-10003 06

KSC

S KENNEDY SPACE CENTER, COCOA BEACH, FLA.

L

L. B. JOHNSON SPACE CENTER, HOUSTON, TEX.

S JOHNSON SPACE CENTER, HOUSTON, TEX.

LAMINAR FLOW CONTROL

NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

LANDING GEAR

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

LANDSAT SATELLITES

NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

LANGLEY RESEARCH CENTER, HAMPTON, VA.

SA AIRCRAFT LANDING DYNAMICS FACILITY, LARC

SA SATELLITE DATA ANALYSIS CENTER, LARC

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

LANGLEY RESEARCH CENTER WIND TUNNEL MISHAP STUDY REPORT RELEASED
[NASA RELEASE-89-114] P89-10114 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

SPACE EXPOSED TOMATO SEEDS ARE COMING HOME
[NASA RELEASE-89-174] P89-10174 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

LARC

S LANGLEY RESEARCH CENTER, HAMPTON, VA.

LARGE SPACE TELESCOPE

S HUBBLE SPACE TELESCOPE

LASER ATMOSPHERIC WIND SOUNDER

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

LASER COMMUNICATIONS

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

LASER RANGING

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

LASER/LIGHT DETECTION AND RANGING

S OPTICAL RADAR

LAUNCH COMPLEXES

LAUNCH COMPLEXES

FINDINGS RELEASED ON ORBITER PROCESSING FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

LAUNCH DATES

NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06

LAUNCH OPERATIONS

NASA GODDARD CENTER REQUESTS COMMERCIAL LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

LAUNCH PROCESSING SYSTEM

HARRIS CORP. SELECTED TO NEGOTIATE MAJOR KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06

LAUNCH SCHEDULES

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT SEQUENCE
[NASA RELEASE-89-73] P89-10073 06
NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

LAUNCH SERVICES

SA COMMERCIAL LAUNCH SERVICES
NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06

LAUNCH VEHICLES

SA ATLAS LAUNCH VEHICLE
SA ATLAS-CENTAUR LAUNCH VEHICLES
SA DELTA LAUNCH VEHICLES
SA EXPENDABLE LAUNCH VEHICLES
SA HEAVY LIFT LAUNCH VEHICLES
SA SATURN 5
SA SCOUT LAUNCH VEHICLE
SA SHUTTLE-C
SA TITAN LAUNCH VEHICLE
NASA GODDARD CENTER REQUESTS COMMERCIAL LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

LDEF

S LONG DURATION EXPOSURE FACILITY

LEASAT

S LEASAT-5

LEASAT-5

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LEO CONSTELLATION

ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
[NASA RELEASE-89-3] P89-10003 06

LERC

S LEWIS RESEARCH CENTER, CLEVELAND, OHIO

LESC, HOUSTON, TEXAS

S LOCKHEED ENGINEERING AND SCI. CO., HOUSTON

LEWIS RESEARCH CENTER, CLEVELAND, OHIO

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

LEWIS RESEARCH CENTER WINS QUALITY IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

U.S. GOVERNMENT REGAINS \$19 MILLION FROM AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

NASA FINAL PROPPAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

HARRIS CORP. SELECTED FOR ADVANCED COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

LIDAR

S OPTICAL RADAR

LIFE SCIENCE SATELLITE /LIFESAT/

S LIFESAT

LIFE SCIENCES

SA AEROSPACE MEDICINE
SA BIOTECHNOLOGY
SA PHYSIOLOGY

NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA CALLS FOR PROPOSALS REGARDING REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA AND GERMAN MINISTRY SIGN SPACE TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA
P89-10194 05

LIFESAT

TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

LIGHTNING

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LING-TEMCO-VOUGHT, INC.

S LTV AEROSPACE CORP.

LIQUID FUELED ROCKET BOOSTERS

S SPACE TRANSPORTATION BOOSTER ENGINE

LIQUID PROPELLANT ROCKET ENGINES

SA SPACE TRANSPORTATION BOOSTER ENGINE
SA SPACE TRANSPORTATION MAIN ENGINE

CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

LOCKHEED CORP.

EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LOCKHEED ENGINEERING AND SCI. CO., HOUSTON

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

LOCKHEED MISSILES AND SPACE CO.

NASA SELECTS CONTRACTOR TO DEVELOP ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

LOCKHEED PALO ALTO RESEARCH LABS., CALIF.

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

LOGOTYPE

LOGO SELECTED FOR SPACE STATION FREEDOM PROGRAM
[NASA RELEASE-89-68] P89-10068 06

LONG DURATION EXPOSURE FACILITY

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

SPACE EXPOSED TOMATO SEEDS ARE COMING HOME
[NASA RELEASE-89-174] P89-10174 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LOS ALAMOS NATIONAL LAB., N. MEX.

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

LOS ALAMOS NATIONAL OBSERVATORY, N.M.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

LOUISIANA STATE UNIV.

NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

LOW VISION ENHANCEMENT SYSTEM

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

LTV AEROSPACE CORP.

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

LUNAR COLONIZATION

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

LUNAR ECLIPSE

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

LUNAR EXPLORATION

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C.
P89-10187 05

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

LUNAR LANDING

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LUNAR ORBIT

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

LUNAR SAMPLES

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

LUNAR SURFACE

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

SUBJECT INDEX

LURE OBSERVATORY, HAWAII

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

M

MAGELLAN MISSION

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO FLY ONE SHUTTLE MISSION BETWEEN
MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOs OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

MAGNETIC FIELDS

SA INTERPLANETARY MAGNETIC FIELDS

VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

MAGNETIC TAPE

S VIDEO TAPE

MAGNETOSPHERE

SA PLANETARY ATMOSPHERES

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

MANAGEMENT INFORMATION SERVICES, INC.

NASA PROGRAMS GENERATE MORE THAN 300,000
JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06

MANNED MARS MISSIONS

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

MANNED SPACE FLIGHT

S APOLLO PROJECT
S SKYLAB PROGRAM

MANNED SPACECRAFT CENTER, HOUSTON, TEX.

S JOHNSON SPACE CENTER, HOUSTON, TEX.

MANPOWER

S PERSONNEL

MANUFACTURING

NASA COMMERCIAL PROGRAMS OFFICE TO
EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

MAPPING

S PLANETARY MAPPING
S THEMATIC MAPPING

MARS EXPLORATION

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

U.S./USSR SOLAR SYSTEM JOINT WORKING
GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

MARSHALL SPACE FLIGHT CENTER, ALA.

SPACE SHUTTLE SOLID ROCKET MOTOR SLATED
FOR FINAL TEST FIRING
[NASA RELEASE-89-2] P89-10002 06

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

ENVIRONMENTAL IMPACT STATEMENT FOR ASRM
ISSUED
[NASA RELEASE-89-37] P89-10037 06

SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

NASA TO EXPAND UNIVERSITY RESEARCH
PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

BRIDWELL TO MANAGE SHUTTLE PROJECTS
OFFICE AT MARSHALL
[NASA RELEASE-89-78] P89-10078 06

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

NASA, CANADIANS TO FLY PLASMA EXPERIMENT
ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

MARTIN MARIETTA AEROSPACE

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

MARTIN MARIETTA CORP.

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

MARTIN MARIETTA CORP., DENVER, COLO.

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

MARYLAND UNIV.

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

MARYLAND UNIV., COLLEGE PARK

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

MASERS

S HYDROGEN MASERS

MASSACHUSETTS

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

MASSACHUSETTS INST. OF TECH., CAMBRIDGE

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

MATERIALS PROCESSING IN SPACE

S SPACE PROCESSING

MATERIALS RESEARCH

APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE
TO ENHANCE HUMAN LIFE
[NASA RELEASE-89-117] P89-10117 06

MAX-PLANCK INST. FOR EXTRATERR. PHYS.

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

MAX-PLANCK INST., MUNICH, GERMANY

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

MAXWELL LABORATORIES, SAN DIEGO, CALIF.

COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

MCDONALD OBSERVATORY, AUSTIN, TEX.

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

MCDONNELL AIRCRAFT CORP.

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

MCDONNELL-DOUGLAS ASTRONAUTICS CO.

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

MCDONNELL-DOUGLAS CORP.

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

MCDONNELL-DOUGLAS CORP., ST. LOUIS, MO.

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

MCDONNELL-DOUGLAS SPACE SYSTEMS CO., CA.
CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

MEASURING DEVICES

S HIGH RESOLUTION IMAGING SPECTROMETER
S INFRARED DETECTORS
S INFRARED SPECTROMETER
S SCATTEROMETER
S SPECTROMETERS

MEDICAL DIAGNOSTIC SYSTEMS

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

MEDICAL EQUIPMENT

S MEDICAL DIAGNOSTIC SYSTEMS

MEDICAL PERSONNEL

S PHYSICIANS

MEDICAL RESEARCH

SA BIOMEDICAL RESEARCH
NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06
NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

MEDICINE /GEN/

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06
U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06
U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

MEMORANDUM OF UNDERSTANDING

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06
NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06
NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

METEOROLOGICAL SATELLITES

S GOES /GEOSTAT. OPERATIONAL ENVIRON.
SAT./
S NIMBUS SATELLITES
S NIMBUS 7
S NOAA METEOROLOGICAL SATELLITES

METEOROLOGY

SA CLOUDS
SA LIGHTNING
SA WEATHER FORECASTING
NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06
GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

MICHIGAN UNIV.

NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

MICHOUD ASSEMBLY FAC., NEW ORLEANS, LA.

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

MICROBURSTS /METEOROLOGY/

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

MICROGRAVITY

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MICROGRAVITY LABORATORY-1 /USML-1/

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

MICROGRAVITY SCIENCE AND APPLICATIONS

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

TWO COMPANIES CHOSEN FOR WORK ON LIFE
SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

MICROWAVE ASTRONOMY

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

MICROWAVE COMMUNICATIONS

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

MICROWAVE RADIOMETERS

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MICROWAVE SENSORS

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

MILITARY AIRCRAFT

S F/A-18 AIRCRAFT

MILKY WAY

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

MINISTRY FOR SCIENCE AND TECH., CANADA

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

MINORITIES

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

MISSION ADAPTIVE WINGS

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

MISSION PLANS

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06

COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO FLY ONE SHUTTLE MISSION BETWEEN
MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

CONTRACTOR SELECTED FOR MEDIUM
EXPENDABLE LAUNCH VEHICLE SERVICES
[NASA RELEASE-89-120] P89-10120 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE
LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

U.S./USSR SOLAR SYSTEM JOINT WORKING
GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

MISSION SPECIALISTS

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

MIXED FLEET MANIFEST

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

MOBILE SATELLITE TECHNOLOGY EXPERIMENT

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE TEST
[NASA RELEASE-89-56] P89-10056 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06

MODELING

S COMPUTERIZED SIMULATION

MODELS

VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

MOJAVE DESERT, CALIF.

NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

MOJAVE, CALIF.

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

MOLECULAR STRUCTURE DETERMINATION

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

MONTREAL UNIV., QUEBEC

ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
[NASA RELEASE-89-3] P89-10003 06

MOONS

S NATURAL SATELLITES

MORTON THIOKOL, INC.

FINANCING ARRANGED FOR AMMONIUM PERCHLORATE PLANT
[NASA RELEASE-89-40] P89-10040 06

MORTON THIOKOL, INC., BRIGHAM CITY, UTAH

SPACE SHUTTLE SOLID ROCKET MOTOR SLATED FOR FINAL TEST FIRING
[NASA RELEASE-89-2] P89-10002 06

NASA SELECTS CONTRACTOR TO DEVELOP ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

MOTION SICKNESS

PRIVATE MEDICAL CONSULTATIONS TO BECOME SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

MSAT-X

S MOBILE SATELLITE TECHNOLOGY EXPERIMENT

MSFC

S MARSHALL SPACE FLIGHT CENTER, ALA.

MUSCULAR FUNCTION

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

MUSCULOSKELETAL SYSTEM

SA BONES
U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

N**NASA ADVISORY COUNCIL**

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

NASA ALUMNI LEAGUE

NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06

NASA EXCELLENCE AWARD

S EXCELLENCE AWARD, NASA

NASA HIGH ALPHA PROGRAM

S HIGH ALPHA PROGRAM

NASA POLAR ORBITING PLATFORM

S SPACE STATION POLAR PLATFORM

NASA/UNIVERSITY JOINT VENTURE INITIATIVE

S JOINT VENTURE PROGRAM /JOVE/

NATIONAL AERON. AND SPACE ADMIN.

SA AMES RESEARCH CENTER, MOFFETT FIELD, CA.

SA CONTRACTING AND PROCUREMENT
SA CRUSTAL DYNAMICS PROJECT, NASA
SA DRYDEN FLIGHT RESEARCH FACILITY, CALIF.
SA EDUCATIONAL AFFAIRS DIVISION, NASA
SA EDUCATIONAL PROGRAMS
SA EMPLOYEE ASSISTANCE CENTER
SA GODDARD SPACE FLIGHT CTR., GREENBELT, MD.

SA JET PROPULSION LAB., PASADENA, CALIF.
SA JOHNSON SPACE CENTER, HOUSTON, TEX.
SA KENNEDY SPACE CENTER, COCOA BEACH, FLA.

SA LANGLEY RESEARCH CENTER, HAMPTON, VA.
SA LEWIS RESEARCH CENTER, CLEVELAND, OHIO

SA MARSHALL SPACE FLIGHT CENTER, ALA.
SA MICHOUD ASSEMBLY FAC., NEW ORLEANS, LA.

SA OFFICE OF AERONAUTICS AND SPACE TECHNOLOGY

SA OFFICE OF COMMERCIAL PROGRAMS
SA OFFICE OF EXPLORATION, NASA
SA OFFICE OF LIFE SCIENCES, NASA
SA OFFICE OF MANAGEMENT
SA OFFICE OF SAFETY, RELIAB. AND QUAL. ASSUR.

SA OFFICE OF SPACE FLIGHT
SA OFFICE OF SPACE OPERATIONS
SA OFFICE OF SPACE SCIENCE AND APPLICATIONS

SA OFFICE OF SPACE STATION
SA OFFICE OF TECHNOLOGY UTILIZATION, NASA
SA OFFICE OF THE ADMINISTRATOR, NASA
SA PLUM BROOK RES. STA., SANDUSKY, OHIO
SA PRODUCTIVITY IMPROV. AND QUAL. ENHANCEMENT

SA SOLAR SYSTEM EXPLORATION DIVISION, NASA

SA SPACE SHUTTLE PROGRAM OFFICE, NASA
U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

NASA ANNOUNCES IMPLEMENTATION OF DRUG FREE WORKPLACE PROGRAM
[NASA RELEASE-89-179] P89-10179 06

NATIONAL AEROSPACE PLANE

S AEROSPACE PLANES

NATIONAL AEROSPACE PLANE PROGRAM

VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

NATIONAL AIR AND SPACE MUSEUM, WASH., D.C.

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL GEODETIC SURVEY

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

NATIONAL INST. OF HEALTH, BETHESDA, MD.

NASA AND NIH APPOINT INTERAGENCY WORKING GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

NATIONAL INST. OF STANDARDS AND TECHNOLOGY

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

SA NATIONAL GEODETIC SURVEY
SA NATIONAL WEATHER SERVICE, NOAA

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
[NASA RELEASE-89-102] P89-10102 06

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY, DIRECTION
[NASA RELEASE-89-177] P89-10177 06

NATIONAL PRESS CLUB

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

ADMINISTRATOR TRULY GIVES BOOST TO READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

NATIONAL RADIO ASTRONOMY OBS., NEW MEXICO

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

NATIONAL RESEARCH COUNCIL, CANADA

NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

NATIONAL SCIENCE FOUNDATION

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

NATIONAL SCIENCE TEACHERS ASSOC.

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

NATIONAL SECURITY COUNCIL

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

NATIONAL SPACE COUNCIL

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

NATIONAL SPACE DEVELOP. AGENCY, JAPAN

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

NATIONAL SPACE GRANT PROGRAM

S UNIVERSITY PROGRAMS

NATIONAL SPACE OUTLOOK CONFERENCE

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NATIONAL SPACE OUTLOOK CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

NATIONAL SPACE POLICY

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C.
P89-10187 05

ADDRESS TO THE NATIONAL PRESS CLUB

P89-10191 05

NASA BUDGET PRESS CONFERENCE: STATEMENT OF DR. JAMES C. FLETCHER, NASA ADMINISTRATOR
P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA
P89-10194 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

NATIONAL SPACE TECHNOLOGY LAB., NASA

S STENNIS SPACE CENTER, MISS.

NATIONAL TRANSONIC FACILITY

LANGLEY RESEARCH CENTER WIND TUNNEL
MISHAP STUDY REPORT RELEASED
[NASA RELEASE-89-114] P89-10114 06

NATIONAL WEATHER SERVICE, NOAA

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

NATURAL SATELLITES

SA IO
SA NEPTUNE SATELLITES
SA TRITON

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

NAVAL OBSERVATORY, WASHINGTON, D.C.

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

NAVAL RESEARCH LAB., WASHINGTON, D.C.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

NAVY SATELLITE SYSTEM

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

NEPTUNE /PLANET/

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED
BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

NEPTUNE ENCOUNTER

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED
BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

NEPTUNE SATELLITES

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED
BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

NERAC

S NEW ENGLAND RES. APP. CTR., TOLLAND,
CONN.

NERVOUS SYSTEM

COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

NETHERLANDS

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

NEUTRON STARS

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

NEW ENGLAND

S MASSACHUSETTS

NEW ENGLAND RES. APP. CTR., TOLLAND, CONN.

STUDY IDENTIFIES ECONOMIC BENEFITS FROM
NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

NEW MEXICO UNIV.

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

NEWS MEDIA

APOLLO 11 CREW 20TH ANNIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

NIKE-ORION SOUNDING ROCKET

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

NIMBUS SATELLITES

SA NIMBUS 7
EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

NIMBUS 7

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

NIST

S NATIONAL INST. OF STANDARDS AND
TECHNOLOGY

NOAA METEOROLOGICAL SATELLITES

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NOISE REDUCTION

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

NOISE REDUCTION RESEARCH

NASA FINAL PROPPAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

NORTH AMERICAN AVIATION, INC.

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

NORTHROP CORP.

NASA/DARPA LOW-COST PARALLEL-PROCESSING
COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

NORTHWESTERN STATE UNIV., LOUISIANA

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

NOSECAPS

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

NUMERICAL AERODYNAMIC SIMULATION SYS., ARC

NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

O

OASIS /ORBITER EXP. SUPPORT INSTRU. SYS./

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

OBSERVATORIES

S DUDLEY OBSERVATORY, ALBANY, N.Y.
S GAMMA RAY OBSERVATORY
S KITT PEAK NATIONAL OBS., TUCSON, ARIZ.
S LOS ALAMOS NATIONAL OBSERVATORY, N.M.
S MCDONALD OBSERVATORY, AUSTIN, TEX.
S NATIONAL RADIO ASTRONOMY OBS., NEW
MEXICO
S NAVAL OBSERVATORY, WASHINGTON, D.C.
S PALOMAR OBSERVATORY, PASADENA, CALIF.
S PARKES RADIO ASTRONOMY OBSERVATORY,
AUST.
S SMITHSONIAN ASTROPHYS. OBS., BOSTON,
MASS.
S SOLAR HELIOSPHERIC OBSERVATORY

OCEAN SURFACE

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

OFFICE OF AERONAUTICS AND SPACE TECHNOLOGY

BALLHAUS RETURNS TO AMES RESEARCH
CENTER
[NASA RELEASE-89-12] P89-10012 06

ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S
AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

CONTRACTS AIM AT BREAKTHROUGHS IN
AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

OFFICE OF COMMERCIAL PROGRAMS

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

NASA TO SUPPORT COMMERCIAL DEVELOPMENT
SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

NASA COMMERCIAL PROGRAMS OFFICE TO
EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06

NASA SELECTS SMALL BUSINESS RESEARCH
PROPOSALS
[NASA RELEASE-89-150] P89-10150 06

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

OFFICE OF EXPLORATION, NASA

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

OFFICE OF LIFE SCIENCES, NASA

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

OFFICE OF MANAGEMENT

ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR
FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

LEWIS RESEARCH CENTER WINS QUALITY
IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

OFFICE OF SAFETY, RELIAB. AND QUAL. ASSUR.

EIGHT FIRMS NAMED NASA QUALITY AND
PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

OFFICE OF SCIENCE AND TECHNOLOGY POLICY

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

OFFICE OF SPACE FLIGHT

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

OFFICE OF SPACE OPERATIONS

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

FORCE TO HEAD NASA SPACE OPERATIONS, ALLER
TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE
ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06

OFFICE OF SPACE SCIENCE AND APPLICATIONS

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

NASA TO EXPAND UNIVERSITY RESEARCH
PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE
TEST
[NASA RELEASE-89-56] P89-10056 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

AL DIAZ SELECTED AS DEPUTY ASSOCIATE
ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED
BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

NASA MOBILE COMMUNICATIONS SYSTEM FIELD
TESTED
[NASA RELEASE-89-141] P89-10141 06

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

OFFICE OF SPACE STATION

ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06

APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

LOGO SELECTED FOR SPACE STATION FREEDOM
PROGRAM
[NASA RELEASE-89-68] P89-10068 06

MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

OFFICE OF TECHNOLOGY UTILIZATION, NASA

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

OFFICE OF THE ADMINISTRATOR, NASA

NASA ANNOUNCES PROGRAM FOR A DRUG-FREE
WORKPLACE
[NASA RELEASE-89-11] P89-10011 06

NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06

ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

ACTING NASA ADMINISTRATOR TO RESIGN
[NASA RELEASE-89-49] P89-10049 06

NASA TO FLY ONE SHUTTLE MISSION BETWEEN
MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO
RESIGN
[NASA RELEASE-89-60] P89-10060 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

O'BRIEN RETURNS TO NASA AS ASSISTANT
DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

ADMINISTRATOR TRULY GIVES BOOST TO
READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

OKLAHOMA STATE UNIV., STILLWATER

PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

OPTICAL RADAR

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

OPTICAL SYSTEMS

S OPTICAL RADAR

OPTICAL TRACKING

S OPTICAL RADAR

ORBIT TRANSFER VEHICLES

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

ORBITAL MANEUVERING VEHICLES

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

NASA, CANADIANS TO FLY PLASMA EXPERIMENT
ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

ORBITAL SERVICING

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

ORBITEC, MADISON, WIS.

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

ORBITER 102

S COLUMBIA

ORBITER 103**ORBITER 103**

S DISCOVERY

ORBITER 104

S ATLANTIS

ORBITER-NAMING PROGRAM

S SHUTTLE ORBITER-NAMING PROGRAM

ORBITSS EQUATORIAL ORBIT
S GEOSYNCHRONOUS ORBIT
S LUNAR ORBIT
S POLAR ORBIT**OREGON L-5 SOCIETY, INC., OREGON CITY, OR.**NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06**ORGANIZATION CHANGE**ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06**OUT-OF-THE-ECLIPSE MISSION**

S ULYSSES MISSION

OZONENASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE

P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05**P****PACIFIC NORTHWEST LAB.**

S BATTELLE-NORTHWEST, RICHLAND, WASH.

PACIFIC OCEANGLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06**PALOMAR OBSERVATORY, PASADENA, CALIF.**NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06**PAN AMERICAN WORLD SERVICES, INC., FLA.**CONTRACTOR CHOSEN FOR STENNIS FACILITY
OPERATING SUPPORT SERVICES
[NASA RELEASE-89-98] P89-10098 06**PARALLEL PROCESSING /COMPUTERS/**NASA/DARPA LOW-COST PARALLEL-PROCESSING
COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06**PARIS AIR SHOW, FRANCE**VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06NASA COMMERCIAL PROGRAMS OFFICE TO
EXHIBIT AT PARIS AIR SHOW
[NASA RELEASE-89-81] P89-10081 06**PARKES RADIO ASTRONOMY OBSERVATORY, AUST.**VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06**PARTICLES**S AEROSOLS
S SPACE PLASMAS**PATHFINDER PROJECT**NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05**PAYLOAD ACCOMMODATIONS**THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06**PAYLOAD SPECIALISTS**NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06**PAYLOADS**S SPACE SHUTTLE PAYLOADS
S X-RAY ASTROPHYSICS FACILITY**PENNSYLVANIA STATE UNIV.**NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06**PEOPLE'S REPUBLIC OF CHINA**CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06**PERFORMANCE**

S AIRCRAFT PERFORMANCE

PERSONNELSA ASTRONAUTS
SA PILOTS
SA SPACECREWSNASA ANNOUNCES PROGRAM FOR A DRUG-FREE
WORKPLACE
[NASA RELEASE-89-11] P89-10011 06**PERSONNEL APPOINTMENTS**ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR
FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06BALLHAUS RETURNS TO AMES RESEARCH
CENTER
[NASA RELEASE-89-12] P89-10012 06NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06BRIDWELL TO MANAGE SHUTTLE PROJECTS
OFFICE AT MARSHALL
[NASA RELEASE-89-78] P89-10078 06SMITH APPOINTED DEPUTY DIRECTOR, NASA
STENNIS SPACE CENTER
[NASA RELEASE-89-85] P89-10085 06AL DIAZ SELECTED AS DEPUTY ASSOCIATE
ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06**SUBJECT INDEX**HARTSFIELD TO HEAD SPACE FLIGHT/SPACE
STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06FORCE TO HEAD NASA SPACE OPERATIONS, ALLER
TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06O'BRIEN RETURNS TO NASA AS ASSISTANT
DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE
ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06**PERSONNEL RESIGNATIONS**NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06ASTRONAUT HAUCK DEPARTING NASA FOR NAVY
POST AT PENTAGON
[NASA RELEASE-89-39] P89-10039 06ACTING NASA ADMINISTRATOR TO RESIGN
[NASA RELEASE-89-49] P89-10049 06ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO
RESIGN
[NASA RELEASE-89-60] P89-10060 06ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06MCBRIDE TO LEAVE NASA; BRAND NAMED
COMMANDER OF STS-35
[NASA RELEASE-89-62] P89-10062 06MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06BALLHAUS RESIGNS AS DIRECTOR OF NASA'S
AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06**PERSONNEL SELECTION**NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06DEADLINE SET FOR NEXT ASTRONAUT
SELECTION
[NASA RELEASE-89-50] P89-10050 06ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

- SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06
- ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06
- SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- PHARMACEUTICALS**
S DRUGS
- PHOTOGRAPHY**
S AERIAL PHOTOGRAPHY
S HIGH RESOLUTION PHOTOGRAPHY
S SPACEBORNE PHOTOGRAPHY
- PHYSICAL SCIENCES**
S ASTRONOMY
S SPACE SCIENCES
- PHYSICIANS**
PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06
- PHYSICS**
S ASTROPHYSICS
S ATMOSPHERIC PHYSICS
S GEOPHYSICS
S PLASMA PHYSICS
S SOLAR PHYSICS
S SPACE PHYSICS
- PHYSIOLOGICAL EFFECTS**
COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06
- NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06
- NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06
- NASA ANNOUNCES IMPLEMENTATION OF DRUG
FREE WORKPLACE PROGRAM
[NASA RELEASE-89-179] P89-10179 06
- PHYSIOLOGY**
PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06
- PILOTS**
NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06
- PIONEER SATURN**
S PIONEER 11
- PIONEER SPACE PROBE**
S PIONEER 10
S PIONEER 11
- PIONEER 10**
PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06
- PIONEER 11**
PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06
- PITTSBURGH UNIV., PA.**
ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06
- PLANETARY ATMOSPHERES**
SA JUPITER ATMOSPHERE
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06
- ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06
- VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06
- GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06
- PLANETARY EVOLUTION**
NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06
- NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- PLANETARY EXPLORATION**
SA JUPITER EXPLORATION
SA MANNED MARS MISSIONS
SA MARS EXPLORATION
SA VENUS EXPLORATION
SA VOYAGER PROJECT
U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06
- NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06
- VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06
- VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06
- PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06
- GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06
- THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06
- ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05
- NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05
- PLANETARY MAPPING**
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- PLANETARY RADIATION**
VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06
- PLANETARY RINGS**
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06
- TWO PARTIAL RINGS OF NEPTUNE DISCOVERED
BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06
- PLANETARY ROTATION**
S EARTH ROTATION
- PLANETARY SURFACES**
S VENUS SURFACE
- PLANETS**
S JUPITER /PLANET/
S NEPTUNE /PLANET/
S SATURN /PLANET/
S URANUS /PLANET/
S VENUS /PLANET/
- PLANNING RESEARCH CORP.**
NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06
- PLANTS /BOTANY/**
STUDY SHOWS COMMON PLANTS HELP REDUCE
INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06
- PLASMA PHYSICS**
SA CRITICAL VELOCITY EFFECT THEORY,
ASTROPHY.
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06
- PLASMAS /PHYSICS/**
S SPACE PLASMAS
- PLATES /TECTONICS/**
NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06
- PLATFORMS**
S SPACE PLATFORMS
- PLUM BROOK RES. STA., SANDUSKY, OHIO**
NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06
- PLUMES**
GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06
- POLAR ORBIT**
NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06
- TWO COMPANIES CHOSEN FOR WORK ON LIFE
SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06
- POLAR PLATFORM /SPACE STATION/**
S SPACE STATION POLAR PLATFORM
- POLAR REGIONS**
SA ANTARCTICA
NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06
- NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06
- POLICIES**
S COMMERCIAL SPACE POLICY
- POLLUTION**
S AIR POLLUTION
- POWER**
S SPACE POWER
- POWER MODULES**
COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06
- PRATT AND WHITNEY AIRCRAFT**
U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06
- PRATT AND WHITNEY CORP., WEST PALM BEACH**
CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06
- VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06
- CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06
- PRC**
S PEOPLE'S REPUBLIC OF CHINA
- PRELAUNCH TESTS**
STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
- PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS**
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05
- PRESSURE SUIT**
S SPACE SUITS
- PRIVATE SECTOR COOPERATION**
S INDUSTRIAL COOPERATION
- PROBES**
S GALILEO PROJECT
- PROCUREMENT**
S CONTRACTING AND PROCUREMENT
- PRODUCTIVITY**
FINANCING ARRANGED FOR AMMONIUM
PERCHLORATE PLANT
[NASA RELEASE-89-40] P89-10040 06

PRODUCTIVITY IMPROV. AND QUAL. ENHANCEMENT

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

EIGHT FIRMS NAMED NASA QUALITY AND
PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

PROP-FAN TECHNOLOGY

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS
CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

PROPELLANTS

SA SLUSH HYDROGEN

FINANCING ARRANGED FOR AMMONIUM
PERCHLORATE PLANT
[NASA RELEASE-89-40] P89-10040 06

PULSION

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

PROPULSIVE-LIFT AIRCRAFT TECHNOLOGY

S AUGMENTED LIFT SYSTEMS

PROTEINS

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

PUBLIC HEALTH

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

PUBLIC RELATIONS

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING
IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE
TO ENHANCE HUMAN LIFE
[NASA RELEASE-89-117] P89-10117 06

STUDY IDENTIFIES ECONOMIC BENEFITS FROM
NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

PUBLICATIONS

S IMPLANTABLE BIOTELEMETRY SYSTEMS
S SPACE PHYSIOLOGY AND MEDICINE

Q**QUALIFICATION MOTOR-8**

SPACE SHUTTLE SOLID ROCKET MOTOR SLATED
FOR FINAL TEST FIRING
[NASA RELEASE-89-2] P89-10002 06

QUALITY ASSURANCE

LEWIS RESEARCH CENTER WINS QUALITY
IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

QUASARS

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

R**RADAR**

SA OPTICAL RADAR
SA SYNTHETIC APERTURE RADAR

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS
RADAR
[NASA RELEASE-89-8] P89-10008 06

RADIATION

S ELECTROMAGNETIC RADIATION
S PLANETARY RADIATION
S SOLAR RADIATION
S SPACE RADIATION
S X-RAYS

RADIATION EFFECTS

COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE
LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

RADIO ASTRONOMY

VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

RADIO COMMUNICATIONS

SA MICROWAVE COMMUNICATIONS

MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE
TEST
[NASA RELEASE-89-56] P89-10056 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

RADIO FREQUENCY INTERFERENCE

NASA, CANADIANS TO FLY PLASMA EXPERIMENT
ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

RADIO TRANSMISSION

NASA, CANADIANS TO FLY PLASMA EXPERIMENT
ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

RADIO WAVES

NASA, CANADIANS TO FLY PLASMA EXPERIMENT
ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

RADIOMETERS

S MICROWAVE RADIOMETERS
S SOLAR BACKSCATTER UV SPECTRAL
RADIOMETER

RAIN

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

RECOVERY OPERATIONS

S SPACECRAFT RECOVERY

REDUCED GRAVITY

S MICROGRAVITY

REFLECTORS

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

RELIABILITY

SA QUALITY ASSURANCE

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

REMOTE MANIPULATOR SYSTEM

NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

REMOTE SENSING

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS
RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

REMOTE SENSORS

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

REPLACEMENT ORBITER

SHUTTLE ORBITER-NAMING COMPETITION
STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06

REQUEST FOR PROPOSALS

NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS
RADAR
[NASA RELEASE-89-8] P89-10008 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

TWO COMPANIES CHOSEN FOR WORK ON LIFE
SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06

RESCUE EQUIPMENT

NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

RESEARCH AND DEVELOPMENT

SA ADVANCED RESEARCH AND TECHNOLOGY
SA MATERIALS RESEARCH

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

RESEARCH AND PROGRAM MANAGEMENT

LEWIS RESEARCH CENTER WINS QUALITY
IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

RESEARCH GRANTS

S UNIVERSITY PROGRAMS

RESEARCH PROJECTS

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

CONTRACTS AIM AT BREAKTHROUGHS IN
AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

NASA DESIGNATES 17 SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

STUDY SHOWS COMMON PLANTS HELP REDUCE
INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06

NASA SELECTS SMALL BUSINESS RESEARCH
PROPOSALS
[NASA RELEASE-89-150] P89-10150 06

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-184] P89-10184 06

RESEARCH PROPOSALS

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

RESINS

S EPOXY RESINS

RETIREMENT

ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06

REUSABLE REENTRY SATELLITE

NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

REUSABLE SPACE VEHICLES

SA REUSABLE REENTRY SATELLITE
TWO COMPANIES CHOSEN FOR WORK ON LIFE
SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

RFP

S REQUEST FOR PROPOSALS

RICE UNIV., HOUSTON, TEX.

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

RMS

S REMOTE MANIPULATOR SYSTEM

ROBOTICS

S FLIGHT TELEROBOTIC SERVICER
S TELEROBOTIC SYSTEMS

ROCKET ENGINES

S ADVANCED SOLID ROCKET MOTOR /SHUTTLE/
S LIQUID PROPELLANT ROCKET ENGINES
S SOLID PROPELLANT ROCKET ENGINES
S SOLID ROCKET MOTOR
S SPACE TRANSPORTATION BOOSTER ENGINE
S SPACE TRANSPORTATION MAIN ENGINE

ROCKETDYNE, CANOGA PARK, CALIF.

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

ROCKETS

S LAUNCH VEHICLES
S SOUNDING ROCKETS

ROCKWELL INTERN. CORP., CANOGA PARK, CA.

CONTRACTS AWARDED FOR ADVANCED LAUNCH
SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

ROCKWELL INTERNATIONAL CORP.

EIGHT FIRMS NAMED NASA QUALITY AND
PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06

ROCKWELL INTERNATIONAL CORP., DOWNEY, CA.

PRESIDENT BUSH NAMES REPLACEMENT ORBITER
'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

ROCKWELL INTERNATIONAL CORP., LOS ANGELES

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

ROLLS-ROYCE LTD., ENGLAND

US/JUK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

ROTATION

S EARTH ROTATION

ROYAL INSTITUTE OF TECHNOLOGY, STOCKHOLM

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

RRS /SATELLITE/

S REUSABLE REENTRY SATELLITE

RUST ENGINEERING, BIRMINGHAM, ALA.

NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06

S

SAFETY SYSTEMS

S AIRCRAFT SAFETY

SAMPLING

S AIR SAMPLING

SAN ANDREAS FAULT

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

SAN FRANCISCO, CALIF.

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

SANDERS ASSOCIATES, INC.

NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

SANDIA LABS., ALBUQUERQUE, N. MEX.

NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

SATELLITE COMMUNICATION

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

HARRIS CORP. SELECTED FOR ADVANCED
COMMUNICATIONS TECHNOLOGY WORK
[NASA RELEASE-89-109] P89-10109 06

SATELLITE CONFIGURATIONS

NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

SATELLITE DATA ANALYSIS CENTER, LARC

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

SATELLITE DESIGN

NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

SATELLITE INSTRUMENTS

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

SATELLITE NETWORK

S SPACEBRIDGE NETWORK

SATELLITE ORBITS

NASA GODDARD CENTER REQUESTS COMMERCIAL
LAUNCH SERVICES PROPOSALS
[NASA RELEASE-89-29] P89-10029 06

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

SATELLITE SERVICING WORKSHOP

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

SATELLITES

S ADVANCED COMPOSITION EXPLORER /ACE/
S COMMUNICATION SATELLITES
S COMSAT SATELLITES
S COSMIC BACKGROUND EXPLORER SATELLITE
S COSMOS SATELLITES
S EARTH RADIATION BUDGET SATELLITE
SYSTEM
S FAR ULTRAVIOLET SPECTROSCOPIC
EXPLORER

S FAST AURORAL SNAPSHOT EXPLORER
S FLTSATCOM SATELLITES
S GOES /GEOSTAT. OPERATIONAL ENVIRON.
SAT./

S HEAO-2
S INTLSAT SATELLITES
S IUE /INTERNATIONAL ULTRAVIOLET
EXPLORER/

S JAPANESE SATELLITES
S LEASAT-5
S LIFESAT
S NAVY SATELLITE SYSTEM
S NIMBUS SATELLITES
S NIMBUS 7
S NOAA METEOROLOGICAL SATELLITES
S PIONEER 10
S PIONEER 11
S REUSABLE REENTRY SATELLITE
S SPACE STATIONS
S SYNCOM 4

SATURN /PLANET/

VOYAGER DISCOVERS 3 ADDITIONAL MOONS
AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SATURN LAUNCH VEHICLE

S SATURN 5

SATURN 5

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

SCATTEROMETER

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

SCHOLASTIC COOPERATION

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

NASA TO EXPAND UNIVERSITY RESEARCH PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

PRESIDENT BUSH NAMES REPLACEMENT ORBITER 'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

NASA DESIGNATES 17 SPACE GRANT COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

SPACE EXPOSED TOMATO SEEDS ARE COMING HOME
[NASA RELEASE-89-174] P89-10174 06

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT COLLEGES/CONSORTIA
[NASA RELEASE-89-184] P89-10184 06

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS, COLORADO
P89-10197 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

SCIENCE APPLICATIONS INTERNAT. CORP., CA.

TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

SCIENTIFIC SATELLITES

S COSMIC BACKGROUND EXPLORER SATELLITE
S FAR ULTRAVIOLET SPECTROSCOPIC EXPLORER
S IUE /INTERNATIONAL ULTRAVIOLET EXPLORER/
S LIFESAT
S REUSABLE REENTRY SATELLITE

SCOUT LAUNCH VEHICLE

NASA, AMROC AGREE TO CRITICAL CHEMICAL EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

SDAC

S SATELLITE DATA ANALYSIS CENTER, LARC

SEEDS PROJECT

SPACE EXPOSED TOMATO SEEDS ARE COMING HOME
[NASA RELEASE-89-174] P89-10174 06

SELF REPAIRING FLIGHT CONTROL PROGRAM

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
[NASA RELEASE-89-69] P89-10069 06

SHIELDING

S THERMAL PROTECTION SYSTEM

SHORT TAKEOFF AND VERT. LANDING AIRCRAFT

S STOVL AIRCRAFT

SHUTTLE ORBITER-NAMING PROGRAM

SHUTTLE ORBITER-NAMING COMPETITION STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06

SHUTTLE TRAINING AIRCRAFT

NASA FINAL PROPFAN PROGRAM FLIGHT TESTS CONDUCTED
[NASA RELEASE-89-64] P89-10064 06

SHUTTLE-C

SHUTTLE-C USERS' CONFERENCE SLATED FOR MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

BOEING, MARTIN MARIETTA TO STUDY SPACE TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

SIGNAL PROCESSING

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

SIMULATION

S COMPUTERIZED SIMULATION

SIMULATORS

S AIRCRAFT LANDING DYNAMICS FACILITY, LARC
S NUMERICAL AERODYNAMIC SIMULATION SYS., ARC

SKYLAB PROGRAM

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NATIONAL SPACE OUTLOOK CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

SLs-1

S SPACELAB LIFE SCIENCES 1

SLUSH HYDROGEN

NASA HEADS HYDROGEN FUEL TECHNOLOGY EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

SMALL BUSINESS INNOVATION RESEARCH PROGRAM

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PHASE II PROJECTS
[NASA RELEASE-89-19] P89-10019 06

NASA SELECTS SMALL BUSINESS RESEARCH PROPOSALS
[NASA RELEASE-89-150] P89-10150 06

NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PROJECTS
[NASA RELEASE-89-181] P89-10181 06

SMALL BUSINESSES

NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

SMALL SCIENTIFIC SATELLITES

S SMALL-CLASS EXPLORER PROGRAM

SMALL-CLASS EXPLORER PROGRAM

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

SMITHSONIAN ASTROPHYS. OBS., BOSTON, MASS.

NASA ASTRONOMER DISCOVERS 'NEAR-MISS' ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

SMITHSONIAN INSTITUTION

S NATIONAL AIR AND SPACE MUSEUM, WASH., D.C.

SOIL MOISTURE

NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

SOLAR BACKSCATTER UV SPECTRAL RADIOMETER

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

SOLAR ECLIPSE

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
[NASA RELEASE-89-90] P89-10090 06

SOLAR ENERGY

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

SOLAR HELIOSPHERIC OBSERVATORY

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

SOLAR PHYSICS

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

SOLAR POLAR MISSION

S ULYSSES MISSION

SOLAR PROBE

S ULYSSES MISSION

SOLAR RADIATION

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

SOLAR SYSTEM EXPLORATION

S PLANETARY EXPLORATION
S SPACE EXPLORATION

SOLAR SYSTEM EXPLORATION COMMITTEE

U.S./USSR SOLAR SYSTEM JOINT WORKING GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

SOLAR SYSTEM EXPLORATION DIVISION, NASA

NASA ASTRONOMER DISCOVERS 'NEAR-MISS' ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

SOLAR SYSTEM EXPLORATION PROGRAM, NASA

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

SOLAR WIND

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

SOLID PROPELLANT ROCKET ENGINES

SA ADVANCED SOLID ROCKET MOTOR /SHUTTLE/
SA SOLID ROCKET MOTOR

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SOLID ROCKET BOOSTERS

S ADVANCED SOLID ROCKET MOTOR /SHUTTLE/
S SOLID PROPELLANT ROCKET ENGINES
S SOLID ROCKET MOTOR

SUBJECT INDEX

SOLID ROCKET MOTOR

SA ADVANCED SOLID ROCKET MOTOR /SHUTTLE/

SPACE SHUTTLE SOLID ROCKET MOTOR SLATED FOR FINAL TEST FIRING
[NASA RELEASE-89-2] P89-10002 06

FINANCING ARRANGED FOR AMMONIUM PERCHLORATE PLANT
[NASA RELEASE-89-40] P89-10040 06

SOLID STATE PHYSICS

S CRYSTALLOGRAPHY

SOUNDING

S ATMOSPHERIC SOUNDING

SOUNDING ROCKETS

SA BLACK BRANT SOUNDING ROCKETS
SA NIKE-ORION SOUNDING ROCKET

NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

SOVIET SPACECRAFT

S COSMOS SATELLITES

SOVIET UNION

S U.S.S.R.

SPACE

S INTERPLANETARY SPACE
S INTERSTELLAR SPACE

SPACE BIOLOGY

S EXOBIOLOGY

SPACE COMMERCIALIZATION

COMMERCIAL SPACE RESEARCH LEADS TO IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA P89-10194 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C. P89-10195 05

SPACE COMMUNICATIONS

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

SPACE DEBRIS

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS RADAR
[NASA RELEASE-89-8] P89-10008 06

ORBITAL DEBRIS STUDY COMPLETED
[NASA RELEASE-89-20] P89-10020 06

SPACE EXPLORATION

SA LUNAR EXPLORATION
SA PLANETARY EXPLORATION

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

ADMINISTRATOR TRULY GIVES BOOST TO READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06

PIONEERS MAKE FIRST MEASUREMENTS OF INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C. P89-10187 05

NASA BUDGET PRESS CONFERENCE: STATEMENT OF DR. JAMES C. FLETCHER, NASA ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA P89-10194 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS, COLORADO P89-10197 05

SPACE FERRY

S FERRY SPACECRAFT

SPACE FLIGHT/SPACE STATION INTEGRAT. OFF.

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

SPACE FLIGHTS

S STS-26
S STS-27
S STS-28
S STS-29
S STS-30
S STS-32
S STS-33
S STS-34
S STS-35
S STS-36
S STS-37
S STS-38
S STS-39
S STS-40
S STS-41
S STS-42
S STS-47

SPACE GRANT COLLEGES/CONSORTIA

S UNIVERSITY PROGRAMS

SPACE INFRARED TELESCOPE FACILITY

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE PERIOD
[NASA RELEASE-89-63] P89-10063 06

SPACE LABORATORIES

S INTERNATIONAL MICROGRAVITY LABORATORY

SPACE PHYSICS

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

SPACE PHYSIOLOGY AND MEDICINE

COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

SPACE PLASMAS

NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SPACE PLATFORMS

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

SPACE POWER

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

COMMERCIAL SPACE RESEARCH LEADS TO IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C. P89-10195 05

SPACE PROBES

S PIONEER 10
S PIONEER 11
S VOYAGER SPACECRAFT

SPACE PROCESSING

NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA CALLS FOR PROPOSALS REGARDING REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06

NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

SPACE SCIENCES

NASA AND GERMAN MINISTRY SIGN SPACE TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C. P89-10195 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

SPACE PROGRAMS

SA MANNED MARS MISSIONS
SA RESEARCH PROJECTS

NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
[NASA RELEASE-89-94] P89-10094 06

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NATIONAL SPACE OUTLOOK CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C. P89-10190 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA P89-10194 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

SPACE RADIATION

TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
[NASA RELEASE-89-101] P89-10101 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SPACE RESCUE

NASA SEEKS SPACE STATION ASSURED CREW RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

SPACE SCIENCES

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
[NASA RELEASE-89-130] P89-10130 06

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: CIA GUEST SPEAKER PROGRAM;
LANGLEY, VIRGINIA P89-10194 05

SPACE SERVICES INC., HOUSTON, TEX.

COMMERCIAL LAUNCH SERVICES SYMPOSIUM
HELD
[NASA RELEASE-89-102] P89-10102 06

SPACE SHUTTLE MISSIONS

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06

SPACE SHUTTLE OPERATIONS

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SPACE SHUTTLE ORBITERS

SA ATLANTIS
SA COLUMBIA
SA DISCOVERY
SA ENDEAVOUR
SA REPLACEMENT ORBITER

SHUTTLE ORBITER-NAMING COMPETITION
STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

SPACE SHUTTLE PAYLOADS

SA SPACE INFRARED TELESCOPE FACILITY
SA X-RAY ASTROPHYSICS FACILITY

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SPACE SHUTTLE PROGRAM OFFICE, NASA

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

SPACE SHUTTLE SOLID ROCKET MOTOR

S SOLID ROCKET MOTOR

SPACE SHUTTLES

SA SHUTTLE-C

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

PRESIDENT BUSH NAMES REPLACEMENT ORBITER
'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
COLORADO P89-10197 05

SPACE STATION POLAR PLATFORM

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SPACE STATION PROGRAM

NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS
RADAR
[NASA RELEASE-89-8] P89-10008 06

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

HARRIS CORP. SELECTED TO NEGOTIATE MAJOR
KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06

NASA SELECTS FLIGHT TELEROBOTIC SERVICER
DEVELOPMENT CONTRACTOR
[NASA RELEASE-89-54] P89-10054 06

LOGO SELECTED FOR SPACE STATION FREEDOM
PROGRAM
[NASA RELEASE-89-68] P89-10068 06

MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE
STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

NASA GOODARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: CIA GUEST SPEAKER PROGRAM;
LANGLEY, VIRGINIA P89-10194 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
COLORADO P89-10197 05

SPACE STATIONS

NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

SPACE SUITS

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

SPACE TELESCOPE

S HUBBLE SPACE TELESCOPE

SPACE TELESCOPE SCIENCE INSTITUTE

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SPACE TRANSFER VEHICLES

BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06

SPACE TRANSPORTATION BOOSTER ENGINE

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

SPACE TRANSPORTATION MAIN ENGINE

CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

SPACE TRANSPORTATION SYSTEM

SA SPACE SHUTTLE ORBITERS

SUBJECT INDEX

- SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06
- HARRIS CORP. SELECTED TO NEGOTIATE MAJOR
KSC COMPUTER UPGRADE
[NASA RELEASE-89-51] P89-10051 06
- BRIDWELL TO MANAGE SHUTTLE PROJECTS
OFFICE AT MARSHALL
[NASA RELEASE-89-78] P89-10078 06
- CONTRACTORS SELECTED FOR ADVANCED
LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06
- BOEING, MARTIN MARIETTA TO STUDY SPACE
TRANSFER VEHICLE CONCEPTS
[NASA RELEASE-89-107] P89-10107 06
- NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06
- SPACE TRANSPORTATION SYSTEM FLIGHTS**
- S STS-26
 - S STS-27
 - S STS-28
 - S STS-29
 - S STS-30
 - S STS-32
 - S STS-33
 - S STS-34
 - S STS-35
 - S STS-36
 - S STS-37
 - S STS-38
 - S STS-39
 - S STS-40
 - S STS-41
 - S STS-42
 - S STS-47
- SPACEBORNE EXPERIMENTS**
- NASA CALLS FOR PROPOSALS REGARDING
REUSABLE REENTRY SATELLITE
[NASA RELEASE-89-6] P89-10006 06
- SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06
- NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06
- NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06
- SPACEBORNE PHOTOGRAPHY**
- DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS
RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06
- SPACEBORNE TELESCOPES**
- S HUBBLE SPACE TELESCOPE
 - S IUE /INTERNATIONAL ULTRAVIOLET
 - S EXPLORER/
 - S X-RAY ASTROPHYSICS FACILITY
- SPACEBRIDGE NETWORK**
- U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06
- U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06
- SPACECRAFT**
- S AEROSPACE PLANES
 - S FERRY SPACECRAFT
 - S ORBIT TRANSFER VEHICLES
 - S SPACE SHUTTLE ORBITERS
 - S SPACE SHUTTLES
 - S SPACE TRANSFER VEHICLES
 - S VOYAGER SPACECRAFT
- SPACECRAFT COMMUNICATIONS**
- NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06
- INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06
- PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06
- SPACECRAFT DESIGN**
- SA SATELLITE DESIGN
- NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06
- SPACECRAFT INSTRUMENTS**
- S SATELLITE INSTRUMENTS
- SPACECRAFT LAUNCHING**
- STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
- SPACECRAFT RECOVERY**
- NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT
SEQUENCE
[NASA RELEASE-89-73] P89-10073 06
- NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06
- SPACECRAFT TRACKING**
- ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06
- SPACECREWS**
- STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
- DEADLINE SET FOR NEXT ASTRONAUT
SELECTION
[NASA RELEASE-89-50] P89-10050 06
- FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06
- SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06
- ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06
- NASA SEEKS SPACE STATION ASSURED CREW
RETURN VEHICLE PROPOSALS
[NASA RELEASE-89-157] P89-10157 06
- PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06
- SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- SPACEHAB**
- NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06
- SPACELAB**
- NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06
- SPACELAB J MISSION**
- NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06
- SPACELAB LIFE SCIENCES 1**
- ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06
- NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06
- SPACELAB MISSION D-1**
- NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06
- SPACELAB MISSION D-2**
- NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06
- SPACELAB MISSION D-3**
- NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06
- SPECTROMETERS**
- SA HIGH RESOLUTION IMAGING SPECTROMETER
SA INFRARED SPECTROMETER
- NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06
- SPECTROPHOTOMETERS**
- NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06
- NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06
- SPECTROSCOPY**
- S ASTRONOMICAL SPECTROSCOPY
- SPINOFFS**
- S TECHNOLOGY TRANSFER
- SRM**
- S SOLID ROCKET MOTOR
- STA**
- S SHUTTLE TRAINING AIRCRAFT
- STARS**
- S GLOBULAR CLUSTERS
 - S LEO CONSTELLATION
 - S NEUTRON STARS
 - S WHITE DWARF STARS
- STARS, HOUSTON, TEXAS**
- U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06
- STATIONS**
- S GROUND STATIONS
 - S TRACKING STATIONS
- STELLAR ENVELOPES**
- ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06
- STELLAR EVOLUTION**
- ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06
- STELLAR SPECTRA**
- PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06
- STENNIS SPACE CENTER, MISS.**
- ENVIRONMENTAL IMPACT STATEMENT FOR ASRM
ISSUED
[NASA RELEASE-89-37] P89-10037 06
- NASA SELECTS CONTRACTOR TO DEVELOP
ADVANCED SOLID ROCKET MOTOR
[NASA RELEASE-89-57] P89-10057 06
- SMITH APPOINTED DEPUTY DIRECTOR, NASA
STENNIS SPACE CENTER
[NASA RELEASE-89-85] P89-10085 06
- CONTRACTOR CHOSEN FOR STENNIS FACILITY
OPERATING SUPPORT SERVICES
[NASA RELEASE-89-98] P89-10098 06
- STUDY SHOWS COMMON PLANTS HELP REDUCE
INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06
- STIRLING ENGINE**
- NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06
- STIRLING TECHNOLOGY CO., RICHLAND, WASH.**
- NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06
- STORMS**
- S STORMS /METEOROLOGY/
- STORMS /METEOROLOGY/**
- NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06
- STOVL AIRCRAFT**
- US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06
- STS-26**
- DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS
RECORD MANY FIRSTS
[NASA RELEASE-89-31] P89-10031 06

STS-27

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO' FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

STS-28

NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

STS-29

STS-29 COUNTDOWN DEMONSTRATION TEST SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

STS-30

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

STS-32

FINDINGS RELEASED ON ORBITER PROCESSING FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

STS-33

NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06
NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

STS-34

NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
PRIVATE MEDICAL CONSULTATIONS TO BECOME SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

STS-35

MCBRIDE TO LEAVE NASA; BRAND NAMED COMMANDER OF STS-35
[NASA RELEASE-89-62] P89-10062 06
HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

STS-36

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD, LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

STS-37

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06

STS-38

ASTRONAUTS NAMED TO TWO DOD MISSIONS SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

STS-39

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06

STS-40

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06
NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

STS-41

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06

STS-42

NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

STS-47

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06

STUDENT INVOLVEMENT PROJECT

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

STUDENT NEWSPAPER COMPETITION

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

STUDENT SPACE STATION PROGRAM

STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

SUBMILLIMETER WAVE ASTRONOMY

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

SUNPOWER, INC., ATHENS, OHIO

NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

SUPERCOMPUTERS

NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

SUPERSONIC FLIGHT

NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
[NASA RELEASE-89-47] P89-10047 06

SUPPORT SERVICES

SA GROUND SUPPORT EQUIPMENT
CONTRACTOR CHOSEN FOR STENNIS FACILITY OPERATING SUPPORT SERVICES
[NASA RELEASE-89-98] P89-10098 06

SWEPT WINGS

S SWEPTFORWARD WINGS

SWEPTFORWARD WINGS

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH, PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

SWITZERLAND

NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

SYNCOM SATELLITES

S SYNCOM 4

SYNCOM 4

NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT SEQUENCE
[NASA RELEASE-89-73] P89-10073 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SYNTHETIC APERTURE RADAR

NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

SYSTEMS ENGINEERING

CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06
NASA GODDARD TO OPEN SPACE ROBOTICS ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
[NASA RELEASE-89-99] P89-10099 06

T

TAKEOFF PERFORMANCE MONITOR SYSTEM

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

TAPE RECORDERS

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

TDR SATELLITES

THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SOLICITATION PACKAGE RELEASED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06
INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

TDRSS

S TRACKING AND DATA RELAY SATELLITE SYSTEM

TEACHER RESOURCE CENTERS, NASA

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06

TECHNOLOGY ASSESSMENTS

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C. P89-10187 05
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

TECHNOLOGY INTERNATIONAL CORPORATION

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

TECHNOLOGY TRANSFER

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06
TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06
COMMERCIAL SPACE RESEARCH LEADS TO IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06
NASA GODDARD TO OPEN SPACE ROBOTICS ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
[NASA RELEASE-89-116] P89-10116 06
APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE TO ENHANCE HUMAN LIFE
[NASA RELEASE-89-117] P89-10117 06

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

NASA SELECTS SMALL BUSINESS RESEARCH PROPOSALS
[NASA RELEASE-89-150] P89-10150 06

NASA TO COMBINE EXPLORATION AND TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C. P89-10196 05

TECHNOLOGY UTILIZATION

STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
[NASA RELEASE-89-142] P89-10142 06

TECTONICS

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

TELECONFERENCING

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

TELEMEDICAL SYSTEMS

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

TELEMETRY

INTELSAT SELECTED FOR USE OF TDRS C-BAND
[NASA RELEASE-89-137] P89-10137 06

TELEROBOTIC SYSTEMS

NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

TELESCOPES

S HUBBLE SPACE TELESCOPE
S IUE /INTERNATIONAL ULTRAVIOLET
EXPLORER/

TEST FACILITIES

CONTRACTOR CHOSEN FOR STENNIS FACILITY
OPERATING SUPPORT SERVICES
[NASA RELEASE-89-98] P89-10098 06

TESTS

S AIRCRAFT TESTS
S DRUG TESTING /PERSONNEL/
S ENGINE TESTS
S FLIGHT TESTS
S GROUND TESTS
S PRELAUNCH TESTS

TETHER APPLICATIONS, LA JOLLA, CALIF.

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

TETHERED SATELLITE SYSTEM

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

TETHERED SATELLITES

S TETHERED SATELLITE SYSTEM

TEXAS UNIV., AUSTIN

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

TEXAS UNIV., HOUSTON

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

TFX AIRCRAFT

S F-111 AIRCRAFT

THEMATIC MAPPING

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

THERMACORE, INC.

NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

THERMAL PROTECTION SYSTEM

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

THERMOSTABILIZATION

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE
LAUNCHED
[NASA RELEASE-89-138] P89-10138 06

THRUST POWER

S PROPULSION

THRUST VECTOR CONTROL

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

TIDES

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

TILES

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

TILT ROTOR RESEARCH AIRCRAFT

NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

TITAN LAUNCH VEHICLE

NASA ISSUES UPDATED MIXED FLEET MANIFEST
[NASA RELEASE-89-93] P89-10093 06

TITAN SYSTEMS, INC., SAN DIEGO, CALIF.

NASA AWARDS GRANTS FOR FUTURE
EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

TOMS /TOTAL OZONE MAPPING SYSTEM/

S TOTAL OZONE MAPPING SYSTEM

TOPEX/POSEIDON MISSION

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

TOTAL OZONE MAPPING SPECTROMETER

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

TOTAL OZONE MAPPING SYSTEM

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

TPS

S THERMAL PROTECTION SYSTEM

TRACKING AND DATA ACQUISITION

S DEEP SPACE NETWORK
S GROUND STATIONS
S RADAR

TRACKING AND DATA RELAY SATELLITE SYSTEM

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

TRACKING AND DATA RELAY SATELLITES

S TDR SATELLITES

TRACKING STATIONS

SA GOLDSTONE TRACKING STATION, CALIF.
SA GROUND STATIONS
SA USUDA TRACKING STATION, JAPAN

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

TRANSMISSION

S RADIO TRANSMISSION

TRANSPONDERS

SOLICITATION PACKAGE RELEASED FOR USE OF
TDRS C-BAND
[NASA RELEASE-89-91] P89-10091 06

TRANSPORT AIRCRAFT

CONTRACTS AIM AT BREAKTHROUGHS IN
AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

TRANSPORTATION, DEPARTMENT OF

S DEPARTMENT OF TRANSPORTATION

TREASURY DEPARTMENT

S DEPARTMENT OF THE TREASURY

TRITON

NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S
MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

TRRA

S TILT ROTOR RESEARCH AIRCRAFT

TRUCKS

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

TRW DEFENSE AND SPACE SYS. GROUP, CA.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

TRW SPACE SYSTEMS, REDONDO BEACH, CALIF.

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

TRW SYSTEMS, REDONDO BEACH, CALIF.

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

TRW, INC., REDONDO BEACH, CALIF.

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

U**U.S. SPACE FOUNDATION**

S UNITED STATES SPACE FOUNDATION

U.S.S.R.

COSMOS MISSION RESULTS AND FUTURE
U.S./USSR MISSIONS ANNOUNCED
[NASA RELEASE-89-18] P89-10018 06

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN
EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED
TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: CIA GUEST SPEAKER PROGRAM;
LANGLEY, VIRGINIA P89-10194 05

ULYSSES MISSION

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE PERIOD
[NASA RELEASE-89-63] P89-10063 06

UNIFORMED SERV. UNIV. OF THE HEALTH SCI.

U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

UNITED AIRCRAFT CORP.

S PRATT AND WHITNEY AIRCRAFT

UNITED KINGDOM

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

UNITED STATES SPACE FOUNDATION

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS, COLORADO P89-10197 05

UNITED TECHNOLOGIES CORP.

CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
[NASA RELEASE-89-27] P89-10027 06

UNIVERSITIES

NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
[NASA RELEASE-89-118] P89-10118 06

CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
[NASA RELEASE-89-135] P89-10135 06

UNIVERSITIES SPACE RESEARCH ASSOC.

NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

UNIVERSITY ADVANCED DESIGN PROGRAM

NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

UNIVERSITY COLLEGE, LONDON, ENGLAND

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

UNIVERSITY PROGRAMS

SA JOINT VENTURE PROGRAM /JOVE/
SA UNIVERSITY ADVANCED DESIGN PROGRAM
NASA DESIGNATES 17 SPACE GRANT COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT COLLEGES/CONSORTIA
[NASA RELEASE-89-184] P89-10184 06

UNMANNED SPACE FLIGHT PROGRAM

S VOYAGER PROJECT

UPPER ATMOSPHERE

NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
[NASA RELEASE-89-112] P89-10112 06

UPPER ATMOSPHERE RESEARCH SATELLITE

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C. P89-10190 05

URANUS /PLANET/

VOYAGER DISCOVERS 3 ADDITIONAL MOONS AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

USML-1

S MICROGRAVITY LABORATORY-1 /USML-1/

USRA

S UNIVERSITIES SPACE RESEARCH ASSOC.

USUDA TRACKING STATION, JAPAN

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

UTAH STATE UNIV.

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

UTAH UNIV., SALT LAKE CITY

U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
[NASA RELEASE-89-83] P89-10083 06

U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED TO ASSIST TRAIN VICTIMS
[NASA RELEASE-89-95] P89-10095 06

V

VALVE TECHNOLOGY

FINDINGS RELEASED ON ORBITER PROCESSING FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

VANDENBERG AFB, CALIF.

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-158] P89-10158 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

VANDERBILT UNIV., NASHVILLE, TENN.

NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

VEGETATION

NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

VEHICLES

S LAUNCH VEHICLES

VELOCITY

S WIND VELOCITY

VENUS /PLANET/

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

VENUS EXPLORATION

SA MAGELLAN MISSION
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

VENUS RADAR MAPPER

S MAGELLAN MISSION

VENUS SURFACE

SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

VERY LONG BASELINE INTERFEROMETRY

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA EARTHQUAKE MOVEMENT
[NASA RELEASE-89-164] P89-10164 06

MOBILE VLBI UNITS MEASURE MOVEMENT FROM LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

VIDEO TAPE

APOLLO 11 CREW 20TH ANIVERSARY PRESS CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

VIRGINIA POLYTECHNIC INST., BLACKSBURG

VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

VISION AIDS

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

VISUALTEK, INC., SANTA MONICA, CALIF.

IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

VLBI

S VERY LONG BASELINE INTERFEROMETRY

VOLCANOLOGY

U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

VORTEX BREAKDOWN

TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

VOYAGER PROJECT

NASA'S VOYAGER 2 FINDS NEW MOON AROUND NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

VOYAGER SPACECRAFT

VOYAGER DISCOVERS 3 ADDITIONAL MOONS AROUND NEPTUNE
[NASA RELEASE-89-128] P89-10128 06

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

TWO PARTIAL RINGS OF NEPTUNE DISCOVERED BY VOYAGER SPACECRAFT
[NASA RELEASE-89-132] P89-10132 06

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

VOYAGER SPACECRAFT DETECTS RADIO EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S MOON TRITON
[NASA RELEASE-89-156] P89-10156 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOs OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS P89-10193 05

W

WALLOPS FLIGHT FACILITY, VA.

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
[NASA RELEASE-89-30] P89-10030 06

NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

NASA, AMROC AGREE TO CRITICAL CHEMICAL EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WARNING SYSTEMS

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

WASHINGTON UNIV., SEATTLE

ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06

WATER

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

WEATHER FORECASTING

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

WEST GERMANY

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

WEST VIRGINIA UNIV., MORGANTOWN

NASA TO EXPAND UNIVERSITY RESEARCH
PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

WESTINGHOUSE ELECTRIC CORP.

NASA LEWIS AWARDS CONTRACTS FOR
ADVANCED POWER SYSTEM
[NASA RELEASE-89-42] P89-10042 06

WHITE DWARF STARS

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

WHITE SANDS MISSILE RANGE, N. MEX.

NASA TO SUPPORT COMMERCIAL DEVELOPMENT
SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06

WHITE SANDS SPACE HARBOR, N. MEX.

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

WIND /METEOROLOGY/

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

WIND SHEAR

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

WIND TUNNEL TESTS

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

WIND TUNNELS

S NATIONAL TRANSONIC FACILITY

WIND VELOCITY

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

WINGS

S AIRCRAFT WINGS
S SWEEPFORWARD WINGS

WOMEN

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

WOODS HOLE OCEANOGRAPHIC INST., MASS.

NASA AIRCRAFT TO SUPPORT INTERNATIONAL
GLOBAL OCEAN STUDY
[NASA RELEASE-89-53] P89-10053 06

WORKING GROUPS

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

WORKING GROUPS, U.S.S.R./U.S.

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE
LAUNCHED

[NASA RELEASE-89-138] P89-10138 06

U.S./USSR SOLAR SYSTEM JOINT WORKING

GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

WORLD CLIMATE RESEARCH PROGRAM

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

WRIGHT-PATTERSON AFB, OHIO

NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

X**X-RAY ASTRONOMY**

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

X-RAY ASTROPHYSICS FACILITY

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

X-RAY TELESCOPES

S X-RAY ASTROPHYSICS FACILITY

X-RAYS

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

X-15 AIRCRAFT

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

X-29 AIRCRAFT

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

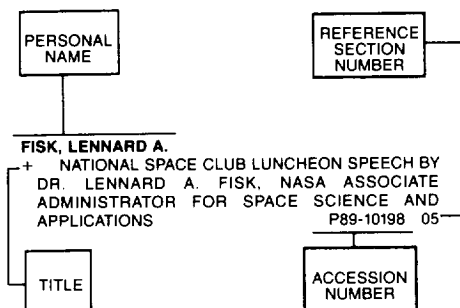
X-30 AIRCRAFT

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

Z**ZODIACAL LIGHT**

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

Typical Personal Names
Index Listing

The title of the news release or speech appears under every name mentioned in each, whether or not the individual was an author or a speaker. In the case of a speech where the name refers to the actual speaker, this is indicated with a + to the left of the title. The NASA accession number is located at the bottom right of the entry, followed by a two-digit number (05 or 06) identifying the index section where the complete citation appears. In the case of a news release, this number is included at the bottom left of the entry.

A

ABBASCHIAN, G. J.
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

ABBEY, GEORGE W. S.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ADAMS, JOHN COUCH
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

ADAMSON, JAMES C.
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

AHLUWALIA, DHARAM V.
CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

AIRY, GEORGE
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

AKERS, THOMAS D.
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

ALDRICH, ARNOLD D.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

ALDRIN, EDWIN EUGENE, JR.
APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06
NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05
EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

ALFVEN, HANNES
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

ALGAZE-BEATO, ANTONIO
STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

ALLARIO, FRANK
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ALLEN, LEW
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ALLER, ROBERT O.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
FORCE TO HEAD NASA SPACE OPERATIONS, ALLER
TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

ALMGRE, DAVID
NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

ALMQUIST, MARK E.
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

ALOST, BOBBY
NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

ALPHER, RALPH
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

ALRED, JOHN
NASA SELECTS UNIVERSITIES FOR ADVANCED
ENGINEERING DESIGN GRANTS
[NASA RELEASE-89-84] P89-10084 06

ALVAREZ, JOSE M.
NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

ANANDA, MOHAN
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

ANDERS, WILLIAM ALISON
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

ANDERSON, HANS
STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

ANDERSON, J.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

APFEL, ROBERT E.
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

APT, JEROME
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06
SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

ARMSTRONG, NEIL ALDEN
APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06
NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06
NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05
EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE P89-10188 05

ARNOLD, JAMES E.

ARNOLD, JAMES E.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ARVIDSON, RAYMOND E.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

ASKEW, RAY

COMMERCIAL SPACE RESEARCH LEADS TO
IMPROVED POWER SUPPLY DEVICE
[NASA RELEASE-89-79] P89-10079 06

ATKINSON, DAVID

NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO
MONITOR SPACECRAFT
[NASA RELEASE-89-129] P89-10129 06

AUER, SIEGFRIED

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

AYERS, THEODORE G.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

B

BAGIAN, JAMES P.

STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

BAHCALL, NETA

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

BAKER, ELLEN S.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

BAKER, KAY

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

BAKER, ROGER

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

BAKER, S. K.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

BAKER, VICTOR R.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

BALLHAUS, WILLIAM F., JR.

BALLHAUS RETURNS TO AMES RESEARCH
CENTER
[NASA RELEASE-89-12] P89-10012 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S
AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

BALMINO, GEORGES

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

BANGERT, JOHN A.

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

BANKS, PETER M.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

BARKSTROM, BRUCE

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

BARNES, WILLIAM L.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

BARNETT, LARRY C.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

BARON, ROBERT S.

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

BARSUKOV, ACADEMICIAN V. L.

U.S./USSR SOLAR SYSTEM JOINT WORKING
GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

BARTHELEMY, ROBERT R.

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

BARTOE, JOHN-DAVID F.

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

BAUER, ERIC

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

BAXTER, MARK G.

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

BAYUZICK, ROBERT J.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

BECKER, JOHN V.

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

BECKHAM, B.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

BECKHAM, J. M.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

BECKHAM, WILLIE

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

BELCHER, JOHN

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

BELTON, M.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

BENNETT, CHARLES L.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

BERKSTRESSER, BETTY

NASA/DARPA LOW-COST PARALLEL-PROCESSING
COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

BERTHOLD, RANDALL

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

BERTSCH, PAUL J.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

BHASIN, KUL B.

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

BIKLE, PAUL

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

BILANIN, ALAN

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

BINSACK, JOSEPH H.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

BIVENS, LYLE

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

BLAHA, JOHN E.

STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

BLAKESLEE, RICHARD

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

- BLANKENSHIP, CHARLES**
 CONTRACTS AIM AT BREAKTHROUGHS IN
 AIRCRAFT COMPOSITE STRUCTURES
 [NASA RELEASE-89-135] P89-10135 06
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BLOM, RONALD G.**
 NEW EARTHQUAKE FAULTS DISCOVERED WITH
 LANDSAT IMAGES
 [NASA RELEASE-89-133] P89-10033 06
- BLUFORD, GUION S., JR.**
 ASTRONAUTS NAMED TO TWO DOD MISSIONS
 SCHEDULED FOR 1990
 [NASA RELEASE-89-71] P89-10071 06
 ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
 MISSIONS
 [NASA RELEASE-89-154] P89-10154 06
- BODIN, WESLEY J.**
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BOGGESE, NANCY W.**
 NASA SPACECRAFT TO LOOK OUT INTO SPACE,
 BACK IN TIME
 [NASA RELEASE-89-172] P89-10172 06
- BOND, HOWARD E.**
 ASTRONOMERS DISCOVER ACTIVE STELLAR
 CORPSE
 [NASA RELEASE-89-3] P89-10003 06
- BONDAR, ROBERTA L.**
 NASA SELECTS PAYLOAD SPECIALISTS FOR
 SPACELAB MISSION
 [NASA RELEASE-89-4] P89-10004 06
- BORDERIES, NICOLE**
 SPACE SHUTTLE TO DEPLOY MAGELLAN
 PLANETARY SCIENCE MISSION
 [NASA RELEASE-89-46] P89-10046 06
- BORMAN, FRANK**
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: NATIONAL SPACE OUTLOOK
 CONFERENCE; TYSON'S CORNER, VA.
 P89-10189 05
- BOYCE, JOSEPH M.**
 SPACE SHUTTLE TO DEPLOY MAGELLAN
 PLANETARY SCIENCE MISSION
 [NASA RELEASE-89-46] P89-10046 06
 SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
 TOWARD JUPITER
 [NASA RELEASE-89-151] P89-10151 06
- BRAGDON, DAVID C.**
 NASA TO LAUNCH NAVY COMMUNICATIONS
 SATELLITE
 [NASA RELEASE-89-145] P89-10145 06
- BRAND, VANCE DEVOE**
 MCBRIDE TO LEAVE NASA; BRAND NAMED
 COMMANDER OF STS-35
 [NASA RELEASE-89-62] P89-10062 06
- BRANDENSTEIN, DANIEL C.**
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BRANSCOME, DARRELL R.**
 SHUTTLE-C USERS' CONFERENCE SLATED FOR
 MAY 25-26
 [NASA RELEASE-89-38] P89-10038 06
 SATELLITE SERVICING CONFERENCE SET FOR
 JOHNSON SPACE CENTER
 [NASA RELEASE-89-100] P89-10100 06
- BRENCE, W. A.**
 ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
 U.S.
 [NASA RELEASE-89-30] P89-10030 06
- BRENNING, V.**
 MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
 ALONG EAST COAST
 [NASA RELEASE-89-55] P89-10055 06
- BRIDWELL, G. PORTER**
 BRIDWELL TO MANAGE SHUTTLE PROJECTS
 OFFICE AT MARSHALL
 [NASA RELEASE-89-78] P89-10078 06
- SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
 TOWARD JUPITER
 [NASA RELEASE-89-151] P89-10151 06
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BRIGGS, GEOFFREY A.**
 SPACE SHUTTLE TO DEPLOY MAGELLAN
 PLANETARY SCIENCE MISSION
 [NASA RELEASE-89-46] P89-10046 06
 VOYAGER 2 ENCOUNTER OF NEPTUNE
 [NASA RELEASE-89-131] P89-10131 06
 SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
 TOWARD JUPITER
 [NASA RELEASE-89-151] P89-10151 06
- BROADFOOT, A. LYLE**
 VOYAGER 2 ENCOUNTER OF NEPTUNE
 [NASA RELEASE-89-131] P89-10131 06
- BROOK, MARX**
 SPACE SHUTTLE TO DEPLOY MAGELLAN
 PLANETARY SCIENCE MISSION
 [NASA RELEASE-89-46] P89-10046 06
- BROOM, M. BETH**
 NASA SCIENTISTS IDENTIFY MOLECULAR
 STRUCTURE OF BLOOD PROTEIN
 [NASA RELEASE-89-97] P89-10097 06
- BROWN, ROBERT L.**
 NASA SELECTS SCIENCE EXPERIMENTS FOR
 SPACE STATION FREEDOM
 [NASA RELEASE-89-104] P89-10104 06
- BROWN, ROBERT W.**
 STUDENT FINALISTS TO PRESENT SPACE STATION
 PROPOSALS
 [NASA RELEASE-89-140] P89-10140 06
- BROWNING, RONALD**
 NASA GODDARD TO OPEN SPACE ROBOTICS
 ADVANCED TECHNOLOGY FACILITY
 [NASA RELEASE-89-96] P89-10096 06
- BRUCE, LLOYD**
 STUDENT FINALISTS TO PRESENT SPACE STATION
 PROPOSALS
 [NASA RELEASE-89-140] P89-10140 06
- BRUNK, WILLIAM E.**
 VOYAGER 2 ENCOUNTER OF NEPTUNE
 [NASA RELEASE-89-131] P89-10131 06
- BUCHANAN, PAUL**
 MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
 ALONG EAST COAST
 [NASA RELEASE-89-55] P89-10055 06
- BUCHLI, JAMES F.**
 STS-29 COUNTDOWN DEMONSTRATION TEST
 SCHEDULED FOR FEB. 7
 [NASA RELEASE-89-13] P89-10013 06
 THIRD TRACKING AND DATA RELAY SATELLITE TO
 BE DEPLOYED BY STS-29
 [NASA RELEASE-89-23] P89-10023 06
 THE YEAR IN REVIEW - 1989
 [NASA RELEASE-89-183] P89-10183 06
- BUCKEY, JAY C.**
 FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
 ARRIVE AT JSC
 [NASA RELEASE-89-143] P89-10143 06
- BUGG, CHARLES E.**
 THIRD TRACKING AND DATA RELAY SATELLITE TO
 BE DEPLOYED BY STS-29
 [NASA RELEASE-89-23] P89-10023 06
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BUNGO, MICHAEL**
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BURR, PETER**
 NASA SPACECRAFT TO LOOK OUT INTO SPACE,
 BACK IN TIME
 [NASA RELEASE-89-172] P89-10172 06
 SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
 10-DAY COLUMBIA FLIGHT
 [NASA RELEASE-89-180] P89-10180 06
- BUSH, GEORGE**
 NASA ADMINISTRATOR FLETCHER RESIGNS
 [NASA RELEASE-89-36] P89-10036 06
 ACTING NASA ADMINISTRATOR TO RESIGN
 [NASA RELEASE-89-49] P89-10049 06
 VIRGINIA TECH STUDENTS BUILD MOCKUP OF
 NATIONAL AERO-SPACE PLANE
 [NASA RELEASE-89-66] P89-10066 06
 PRESIDENT BUSH NAMES REPLACEMENT ORBITER
 'ENDEAVOUR'
 [NASA RELEASE-89-70] P89-10070 06
 LEE APPOINTED DIRECTOR OF MARSHALL SPACE
 FLIGHT CENTER
 [NASA RELEASE-89-108] P89-10108 06
 O'BRIEN RETURNS TO NASA AS ASSISTANT
 DEPUTY ADMINISTRATOR
 [NASA RELEASE-89-125] P89-10125 06
 TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
 PREPARATION FOR NEW CIVIL SPACE GOALS
 [NASA RELEASE-89-126] P89-10126 06
 NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE
 DAMAGE ASSESSMENT PHOTOS
 [NASA RELEASE-89-163] P89-10163 06
 TRULY UPDATES AERONAUTICS AND SPACE
 PROGRAMS FOR PRESS CLUB
 [NASA RELEASE-89-165] P89-10165 06
 NASA ANNOUNCES IMPLEMENTATION OF DRUG
 FREE WORKPLACE PROGRAM
 [NASA RELEASE-89-179] P89-10179 06
 THE YEAR IN REVIEW - 1989
 [NASA RELEASE-89-183] P89-10183 06
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: PATHWAY TO THE PLANETS
 CONFERENCE; WASHINGTON, D.C. P89-10187 05
 EXCERPTS OF REMARKS PREPARED FOR
 DELIVERY: EUROSACE SYMPOSIUM: SPACE AND
 THE ENVIRONMENT; PARIS, FRANCE
 P89-10188 05
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
 INFORMATION CONFERENCE FOR COMMERCE AND
 INDUSTRY; WASHINGTON, D.C. P89-10190 05
 ADDRESS TO THE NATIONAL PRESS CLUB
 P89-10191 05
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
 CONTRACTOR COMPANIES; NASA HEADQUARTERS
 P89-10193 05
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: CIA GUEST SPEAKER PROGRAM;
 LANGLEY, VIRGINIA P89-10194 05
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
 AMERICANS SEMINAR; WASHINGTON, D.C.
 P89-10196 05
 EXCERPTS FROM REMARKS PREPARED FOR
 DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
 NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS,
 COLORADO P89-10197 05
- BUSSE, J. R.**
 NASA SPACECRAFT TO LOOK OUT INTO SPACE,
 BACK IN TIME
 [NASA RELEASE-89-172] P89-10172 06
- BUTLER, DIXON**
 NASA ANNOUNCES EARTH OBSERVATION SYSTEM
 INVESTIGATIONS
 [NASA RELEASE-89-15] P89-10015 06

C

- CABANA, ROBERT D.**
 ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
 MISSIONS
 [NASA RELEASE-89-154] P89-10154 06
- CAMERON, KENNETH D.**
 ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
 MISSIONS
 [NASA RELEASE-89-44] P89-10044 06
- CAMPBELL, DONALD B.**
 SPACE SHUTTLE TO DEPLOY MAGELLAN
 PLANETARY SCIENCE MISSION
 [NASA RELEASE-89-46] P89-10046 06

CARLE, GLENN C.**CARLE, GLENN C.**

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

CARLSON, CHARLES

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

CARLSON, FREDERICK M.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

CARLSON, R.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

CAROFF, LAWRENCE

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

CARTER, DANIEL C.

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

CARTER, MANLEY L, JR.

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

CASANI, JOHN

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

CASPER, JOHN H.

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

CASTELLANO, J. P.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

CHAHINE, MOUSTAFA

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

CHANG-DIAZ, FRANKLIN R.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

CHANNELL, DEWEY

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

CHAPPELL, RICK

NASA TO EXPAND UNIVERSITY RESEARCH
PARTNERSHIP
[NASA RELEASE-89-45] P89-10045 06

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

CHEN, ALLEN

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

CHENG, EDWARD S.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

CHIAO, LEROY

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

CHOU, HUNG-HSIANG

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

CHRISTENSEN, DAVID

SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

CHRISTIAN, HUGH

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

CIMINO, JOBEA

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

CLARK, TOM

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
[NASA RELEASE-89-170] P89-10170 06

CLARK, WILLIAM

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE, TYSON'S CORNER, VA.
P89-10189 05

CLEAVE, MARY L.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

CLIFFORD, MICHAEL R.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

COATS, MICHAEL L.

STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

COBB, JAMES R.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

COCKRELL, KENNETH

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

COEN, GARY

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

COHEN, AARON

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

PERSONAL NAMES INDEX

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COLLINS, EILEEN M.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

COLLINS, MICHAEL

APOLLO 11 CREW 20TH ANIVERSARY PRESS
CONFERENCE SCHEDULED
[NASA RELEASE-89-67] P89-10067 06

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

COLONNA, RICHARD A.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

COLUMBUS, CHRISTOPHER

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

COMPTON, DALE L.

BALLHAUS RETURNS TO AMES RESEARCH
CENTER
[NASA RELEASE-89-12] P89-10012 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

CONRATH, BARNEY

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

CONWAY, JOHN T.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

D

COODY, MARION

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

COOK, EARL L.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

COOK, JAMES

PRESIDENT BUSH NAMES REPLACEMENT ORBITER
'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

COTE, CHARLES E.

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

COUCH, LANA

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COVEY, RICHARD O.

ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

COX, HENRY

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

CREIGHTON, JOHN O.

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

CRESSY, PHILIP J.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

CRIPPEN, ROBERT E.

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

CRIPPEN, ROBERT LAUREL

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

CRIPPS, DAVID B.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

CROSSFIELD, ALBERT SCOTT

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

CROUCH, ROGER K.

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

CULBERTSON, FRANK L.

ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

CULPEPPER, DICK

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

D'ARREST, HEINRICH LOUIS

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

DANA, WILLIAM HARVEY

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

DAVIES, MERTON E.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

DAVIS, JEFF

PRIVATE MEDICAL CONSULTATIONS TO BECOME
SPACE FLIGHT ROUTINE
[NASA RELEASE-89-161] P89-10161 06

DAVIS, N. JAN

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

DE LUIS, JAVIER

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

DE SITTER, WILLEM

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

DEVRIES, J. PIETER

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

DIAZ, ALPHONSO V.

AL DIAZ SELECTED AS DEPUTY ASSOCIATE
ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

DICKEY, JEAN

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

DING, WU

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

DOKKA, ROY K.

NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

DOUGHERTY, L.

NASA/DARPA LOW-COST PARALLEL-PROCESSING
COMPUTER DEMONSTRATED
[NASA RELEASE-89-80] P89-10080 06

DUMAS, LARRY N.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

DUNBAR, BONNIE J.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

DUNBAR, D. R.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

DUNHAM, R. EARL, JR.

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

DWEK, ELI

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

E

EARLE, JAMES

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

EATON, P. T.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

EINSTEIN, ALBERT

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

ELACHI, CHARLES

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

ELLIS, LARRY

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ENGLE, JOE HENRY

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

EPPLER, DEAN B.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

ESTESS, ROY S.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SMITH APPOINTED DEPUTY DIRECTOR, NASA
STENNIS SPACE CENTER
[NASA RELEASE-89-85] P89-10085 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

EUDY, ROBERT G.

SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

F

FAHNESTOCK, DALE L.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

FALTHAMMAR, C. G.

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

FANALE, F. P.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

FERMIN, CESAR

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

FERRARO, JAMES S.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

FERRICK, EUGENE

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

FISHER, HOWARD I.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

FISK, LENNARD A.

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE
PERIOD
[NASA RELEASE-89-63] P89-10063 06

AL DIAZ SELECTED AS DEPUTY ASSOCIATE
ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

+ NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR.
LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR
FOR SPACE SCIENCE AND APPLICATIONS
P89-10198 05

FITTS, JERRY J.

JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE
ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06

FITZMAURICE, MICHAEL

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

FLAHERTY, ROGER

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

FLEMING, T.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

FLEMINGS, MERTON C.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

FLETCHER, JAMES C.

NASA ANNOUNCES PROGRAM FOR A DRUG-FREE
WORKPLACE
[NASA RELEASE-89-11] P89-10011 06

BALLHAUS RETURNS TO AMES RESEARCH
CENTER
[NASA RELEASE-89-12] P89-10012 06

LEWIS RESEARCH CENTER WINS QUALITY
IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06

NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06

ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

+ NASA BUDGET PRESS CONFERENCE: STATEMENT
OF DR. JAMES C. FLETCHER, NASA
ADMINISTRATOR P89-10192 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: CIA GUEST SPEAKER PROGRAM;
LANGLEY, VIRGINIA P89-10194 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: U.S. SPACE FOUNDATION'S FIFTH
NATIONAL SPACE SYMPOSIUM: COLORADO SPRINGS,
COLORADO P89-10197 05

FOALE, C. MICHAEL

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

FOGEL, DIANE M.

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

FOGLEMAN, GUY

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

FORCE, CHARLES T.

TRACKING AND DATA RELAY SATELLITE-4
DECLARED OPERATIONAL
[NASA RELEASE-89-86] P89-10086 06

FORCE TO HEAD NASA SPACE OPERATIONS, ALLER
TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE
ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

FORD, JOHN P.

* NEW EARTHQUAKE FAULTS DISCOVERED WITH
LANDSAT IMAGES
[NASA RELEASE-89-33] P89-10033 06

FORDYCE, STUART

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

FOSTER, JOHN

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

FRAGOMENI, A. D.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

FRANCOIS, S. M.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

FRANK, L.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

FRAS, ANDREW I.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

FRAZIER, DONALD O.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

FREDEN, STANLEY C.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

FREILACH, MICHAEL H.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

FRENCH, BEVAN

NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

FRIEDMAN, DONALD S.

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

FROSTROM, DEBRA

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

FULLERTON, C. GORDON

NASA TO TEST SPACE SHUTTLE LANDING GEAR
[NASA RELEASE-89-74] P89-10074 06

G

GAFFNEY, F. ANDREW

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

GALLE, JOHANN GOTTFRIED

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

GAMOW, GEORGE

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GASERY, JOHN L., JR.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GATLIN, DON

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
[NASA RELEASE-89-175] P89-10175 06

GEMAR, CHARLES D.

ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

GERMAN, RANDALL M.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

GERMANY, DANIEL M.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

GERNERT, KIM M.

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

GERPHEIDE, JOHN H.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

GERTNER, EDWARD R.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

GIACCONI, RICCARDO

SCIENCE OBSERVATIONS SELECTED FOR
NASA/ESA HUBBLE SPACE TELESCOPE
[NASA RELEASE-89-121] P89-10121 06

GIBB, J. W.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

GIBERSON, GENE

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GIBERSON, WALKER E.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

GIBSON, ROBERT L.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

GIERASCH, P.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GILBERT, RAY L.

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

GILLET, RONALD

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

GILMAN, D. A.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GLASAR, REBECCA

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

GLASSER, REBECCA

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

GODWIN, LINDA M.

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

GOLDEN, ROBERT L.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

GOLDSTEIN, MURRAY

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

GORE, ALBERT, JR.

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

EXCERPTS OF REMARKS PREPARED FOR
DELIVERY: EUROSACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT, PARIS, FRANCE
P89-10188 05

GORENSTEIN, PAUL

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

GRABE, RONALD J.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

GRACE, LANCE C.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

GRAHAM, WILLIAM

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

GREEN, RICHARD

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

GREGORY, FREDERICK D.

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

GREGORY, WILLIAM G.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

GRIFFITH, DOUGLAS G.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

GRIGGS, STANLEY DAVID

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

GRINDLAY, JONATHAN E.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

GRUN, E.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GRUNSFELD, JOHN M.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

GUEST, JOHN E.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

GUIN, J. HARRY

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GULKIS, SAMUEL

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

GUNN, CHARLES R.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

GURNETT, DONALD

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

GUTIERREZ, SIDNEY M.

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

H**HAERENDEL, GERHARD**

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

HAINES, PATRICK

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

HALL, FORREST

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

HALL, J. O.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

HALSTEAD, THORA

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

HAMEL, STEVEN R.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

HAMMOND, L. BLAINE, JR.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

HANNETT, LINDA

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

HANNUM, NED

NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
[NASA RELEASE-89-176] P89-10176 06

HANSEN, J.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HARBAUGH, GREGORY J.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

HARLAN, CHARLES S.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HARRIS, BERNARD A., JR.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

HARRIS, BERNARD A., JR.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

HARRIS, DALE W.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HARRISON, EDWIN F.

EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

HARTSFIELD, HENRY WARREN, JR.

HARTSFIELD TO HEAD SPACE FLIGHT/SPACE
STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

HAUCK, FREDERICK H.

ASTRONAUT HAUCK DEPARTING NASA FOR NAVY
POST AT PENTAGON
[NASA RELEASE-89-39] P89-10039 06

HAUSER, MICHAEL G.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

HAWLEY, STEVEN A.

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

HAYNES, NORMAN R.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

HE, XIAO-MIN

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

HEAD, JAMES W.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

HENDRIKSEN, DOUGLAS

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

HENSCHER, CHARLES

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

HENSON, KEITH

SHUTTLE TILE DAMAGE STUDY COMPLETED: 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

HERMAN, ROBERT

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

HERREN, BLAIR

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

HERSCHEL, WILLIAM

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

HESTER, JAMES

SHUTTLE TILE DAMAGE STUDY COMPLETED: 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

HESTER, PATRICIA

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HIEB, RICHARD J.

ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

HILMERS, DAVID C.

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

HILSENATH, ERNEST

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HINE, BUTLER P., III

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

HINES, RICHARD H.

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

HINNERS, NOEL W.

ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO
RESIGN
[NASA RELEASE-89-60] P89-10060 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

HOFFMAN, JEFFREY A.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

HOFFMAN, ROBERT

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

HOFMAN, HELENMARIE

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

HOLBERG, J. B.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

HOLICK, MICHAEL

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HOLLOWAY, L. J.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

HOLLOWELL, DAVID E.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

HOLT, HENRY

NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

HOLTON, EMILY

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HONEYCUTT, JAY F.

SHUTTLE TILE DAMAGE STUDY COMPLETED: 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

PERSONAL NAMES INDEX**HOOK, ROGER**

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HORD, C.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HORNSTEIN, ROBERT M.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

HOWARD, H. T.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HUBBLE, EDWIN

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

HUDSON, HUGH S.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

HUGHES-FULFORD, MILLIE

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

HULLINGER, RONALD

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HUNTEN, D. M.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

HUNTER, CHARLES M.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

HUNTOON, CAROLYN

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

HUSSEY, T. J.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

HYMER, WESLEY C.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NASA ANNOUNCES COLLABORATIVE RESEARCH
PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06

I**IBEN, I.**

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

INGERSOLL, A. P.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ISHMAEL, STEPHEN D.

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

IVINS, MARSHA S.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

J

JANSSSEN, MICHAEL A.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

JAYNES, DEAN N.

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

JEMISON, MAE C.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

JERNIGAN, TAMARA E.

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

JOHNSON, WILLIAM L.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

JONES, JAMES A.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

K

KAFALAS, JAMES

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

KAKAR, RAMESH

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
[NASA RELEASE-89-177] P89-10177 06

KAULA, WILLIAM M.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

KAWASHIMA, NOBUKI

ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

KELLER, SAMUEL W.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

U.S./USSR SOLAR SYSTEM JOINT WORKING
GROUP MET IN MOSCOW
[NASA RELEASE-89-178] P89-10178 06

KELLEY, MIKE

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

KELSALL, THOMAS

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

KENNEDY, JOHN FITZGERALD

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR
CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05

KERSCHMANN, RUSSELL

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

KERSEY, JUDITH

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

KIDDER, K.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

KINARD, WILLIAM H.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

KISELEV, ALEXANDER A.

U.S./USSR TO IMPLEMENT MEDICAL
COMMUNICATIONS SATELLITE LINK
[NASA RELEASE-89-28] P89-10028 06

KIVELSON, M.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

KLINEBERG, JOHN M.

U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

KNIGHT, WILLIAM J.

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

KNUTSON, MARTIN A.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

KOHLMASE, CHARLES E.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

KOHRS, RICHARD H.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

KONDRATIEV, KYRILL YA.

NASA SELECTS SCIENCE EXPERIMENTS FOR
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

KOOPMAN, GEORGE

NASA, AMROC AGREE TO CRITICAL CHEMICAL
EXCHANGE
[NASA RELEASE-89-92] P89-10092 06

KOSTER, JEAN N.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

KOSZELAK, STANLEY N.

NASA APPOINTS SPACELAB PAYLOAD
SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06

KOTSIFAKIS, DAVE

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

KRAFT, LISBETH

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

KRANZ, EUGENE F.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

KRIER, GARY E.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

KRIMIGIS, S. M.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

KRISHNAMURTI, TIRUVALLAM

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

KRUEGER, ARLIN

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

KSIR, AMY E.

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

KUIPER, GERARD

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

KWAK, DOCHAN

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

L

LAMBECK, KURT L.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LAMPTON, MICHAEL L.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

LANE, ARTHUR L.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

LANZEROTTI, L.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

LARSON, DAVID

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

LASELL, WILLIAM

LASELL, WILLIAM

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

LAWTON, TERI B.

IMAGE PROCESSING TO RELIEVE VISION
PROBLEMS
[NASA RELEASE-89-5] P89-10005 06

LEBERL, FRANZ W.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LEE, MARK C.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LEE, THOMAS J.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LEESTMA, DAVID C.

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LEFEBVRE, MICHEL

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LEHOCZKY, SANDOR L.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

LEMKEY, FRANK

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

LENFANT, CLAUDE

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

LENOIR, WILLIAM BENJAMIN

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LEVINE, BENJAMIN D.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

LEVINE, JACK

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LEWIS, MERIWETHER

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

LEWIS, RUTH ANN

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

LEWIS, TOM

SHUTTLE ORBITER-NAMING COMPETITION
STATE-LEVEL WINNERS ANNOUNCED
[NASA RELEASE-89-34] P89-10034 06
PRESIDENT BUSH NAMES REPLACEMENT ORBITER
'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

LICHTENBERG, BYRON K.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

LIEBERT, JAMES

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

LIGHTNER, E. BURTON

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LINDBERGH, CHARLES

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

LITTLES, J. WAYNE

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LOMBARDO, JOSEPH A.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LONGANECKER, GERALD W.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LOPEZ-ALEGRIA, MICHAEL E.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

LORIA, JOHN

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LOVELL, JAMES ARTHUR, JR.

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

LOW, G. DAVID

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

LUBIN, PHILIP M.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

LUCID, SHANNON W.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

LUERS, JAMES

NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT
PERFORMANCE
[NASA RELEASE-89-122] P89-10122 06

LYMAN, PETER T.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

M

MACDONALD, J.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

MACKENZIE, CHARLES

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

MAGELLAN, FERDINAND

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

MAHON, JOSEPH B.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MANNHEIMER, HARRY

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

MANSOUR, SABRY G.

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

MARCHMAN, JIM

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

MARSDEN, BRIAN

NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

MARSHALL, JUNE
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

MARSHALL, WILLIAM R.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
BRIDWELL TO MANAGE SHUTTLE PROJECTS
OFFICE AT MARSHALL
[NASA RELEASE-89-78] P89-10078 06

MARTIN, FRANKLIN D.
NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

MASON, GLENN M.
NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

MASURSKY, HAROLD
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

MATHER, JOHN C.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MATSUNAGA, H. E. NOBUO
NASA AND JAPAN SIGN SPACE STATION
MEMORANDUM OF UNDERSTANDING
[NASA RELEASE-89-32] P89-10032 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

MATTSON, R.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MCBRAYER, ROBERT
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

MCBRIDE, JON A.
MCBRIDE TO LEAVE NASA; BRAND NAMED
COMMANDER OF STS-35
[NASA RELEASE-89-62] P89-10062 06

MCCANDLESS, BRUCE, II
SATELLITE SERVICING CONFERENCE SET FOR
JOHNSON SPACE CENTER
[NASA RELEASE-89-100] P89-10100 06

MCCARTHY, D. K.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MCCARTNEY, FORREST S.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MCCOOL, ALEXANDER A.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MCCORMICK, M. PATRICK
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

MCCULLEY, MICHAEL J.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

MCDONOUGH, GEORGE F.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MCELROY, M.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

MCKENZIE, DANIEL P.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

MCLUCAS, JOHN
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

MCMONAGLE, DONALD R.
SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

MCMURTRY, THOMAS C.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MCPHERSON, ALEXANDER
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

MEADE, CARL J.
ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

MELBOURNE, WILLIAM G.
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

MELNICK, BRUCE E.
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

MELNICK, GARY J.
NASA SELECTS SMALL EXPLORER MISSIONS
[NASA RELEASE-89-43] P89-10043 06

MERBOLD, ULF D.
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

MEYER, STEPHAN S.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MEYERS, DALE
EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA. P89-10189 05

MICHAEL, PAUL
STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

MIDDLETON, DAVID B.
NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

MILLER, LANNY N.
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

MILLER, TERESA Y.
NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

MINER, ELLIS D.
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

MINNIS, PATRICK
EFFECTS OF CLOUDS ON CLIMATE MEASURED BY
NASA PROJECT
[NASA RELEASE-89-14] P89-10014 06

MISSIMER, WILLIAM C.
U.S. GOVERNMENT REGAINS \$19 MILLION FROM
AIRCRAFT ENGINE PROGRAM
[NASA RELEASE-89-26] P89-10026 06

MITCHELL, ROYCE E.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MOBERLY, R. J.
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

MONEY, KENNETH
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

MOORE, THOMAS P.
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

MOOREHEAD, ROBERT W.
MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06
DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

MOOS, H. WARREN
NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

MORELLO, SAMUEL
NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

MORRISON, D.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

MORSE, GARY A.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

MOSELEY, S. HARVEY, JR.

MOSELEY, S. HARVEY, JR.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MOSER, THOMAS L.
LOGO SELECTED FOR SPACE STATION FREEDOM
PROGRAM
[NASA RELEASE-89-68] P89-10068 06

MOSER TO LEAVE NASA MAY 13
[NASA RELEASE-89-72] P89-10072 06

MOSKOWITZ, JAY
NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

MOYNOT, BERNARD
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

MULLANE, RICHARD MICHAEL
SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

MUNSON, SIBYL H.
NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

MURDOCK, THOMAS L.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

MURRAY, ROBERT F.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

MURRAY, WILLIAM
NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

MUSGRAVE, FRANKLIN STORY
NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

MYERS, DALE D.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

ACTING NASA ADMINISTRATOR TO RESIGN
[NASA RELEASE-89-49] P89-10049 06

PRESIDENT BUSH NAMES REPLACEMENT ORBITER
'ENDEAVOUR'
[NASA RELEASE-89-70] P89-10070 06

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG
AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05

N

NAGEL, CONRAD G.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NAGEL, STEVEN R.
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASH, ANA
PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

NELSON, GEORGE D.
ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06

NERAD, BRUCE A.
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

NESS, NORMAN F.
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

NEWMAN, T. R.
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

NICHOLS, JACK
SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

NICHOLSON, LEONARD S.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

NICOGOSSIAN, ARNAULD E.
NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

NICOLLIER, CLAUDE
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

NIELSON, HANS
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

NIEMANN, H.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NOEYER, DAVID A.
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

NORTH, GERALD R.
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

O

O'BRIEN, JOHN E.
O'BRIEN RETURNS TO NASA AS ASSISTANT
DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06

O'BRIEN, WALTER
VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

O'CALLAGHAN, FRED
NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

O'CONNOR, BRYAN D.
NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

O'NEIL, WILLIAM J.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

OCHOA, ELLEN
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

OCONNOR, BRYAN D.
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

PERSONAL NAMES INDEX

ODOM, JAMES B.
ODOM ANNOUNCES RETIREMENT FROM NASA
[NASA RELEASE-89-61] P89-10061 06

OLLENDORF, STANFORD
NASA GODDARD TO OPEN SPACE ROBOTICS
ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06

ORMES, JONATHAN F.
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

ORTON, G. S.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ORZECZOWSKI, R. E.
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

OWEN, T.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

P

PANG, KEVIN D.
CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

PARKER, ROBERT ALLAN RIDLEY
HARTSFIELD TO HEAD SPACE FLIGHT/SPACE
STATION INTEGRATION OFFICE
[NASA RELEASE-89-88] P89-10088 06

PARNELL, THOMAS A.
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

PARSONS, BARRY E.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

PEDDICORD, J.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

PELLERIN, C. J., JR.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

PENZIAS, ARNO
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

PERALTA, MANUEL
ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR
FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06

PEREZ, JOE
NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

PERSON, LEE H., JR.
NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

PETERS, TRACY L.
STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

- PETERSEN, FORREST SILLAS**
NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06
- PETERSEN, RICHARD H.**
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- PETTINGILL, GORDON H.**
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- PHELAN, THOMAS P.**
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06
- PHILLIPS, ROBERT W.**
SPACE SHUTTLE CREW MEMBERS NAMED TO DOD, LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
[NASA RELEASE-89-44] P89-10044 06
NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06
NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
[NASA RELEASE-89-169] P89-10169 06
- PHILLIPS, ROGER J.**
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- PIOTROWSKI, WILLIAM L.**
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- POELSTRA, STANLEY W.**
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
- POHL, HENRY O.**
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- POLANSKY, MARK L.**
SECOND GROUP OF ASTRONAUT HOPEFULS TO ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06
- POLLACK, J. B.**
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
- PRICE, PETER B.**
NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06
- PRIMDAHL, FRITZ**
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06
- PROCASKY, E.**
NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06
- PROVIDAKES, JASON**
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06
- PROVOST, DAVID**
NASA GODDARD TO OPEN SPACE ROBOTICS ADVANCED TECHNOLOGY FACILITY
[NASA RELEASE-89-96] P89-10096 06
- PUDDY, DONALD R.**
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- PURDY, S. P.**
NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
[NASA RELEASE-89-145] P89-10145 06
- PURGOLD, GERALD C.**
NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06
- Q**
- QUAYLE, DAN**
VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06
TRULY ASSIGNS JSC'S COHEN TO LEAD NASA PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06
TRULY UPDATES AERONAUTICS AND SPACE PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06
ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05
- R**
- RAAB, G. KIRK**
NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06
- RADFORD, WADE**
NASA/UNIVERSITY COLLABORATION MAY YIELD AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06
- RAFFERTY, WILLIAM**
MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE TEST
[NASA RELEASE-89-56] P89-10056 06
NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
[NASA RELEASE-89-141] P89-10141 06
- RAGENT, B.**
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
- RALL, DAVID**
NASA AND NIH APPOINT INTERAGENCY WORKING GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06
- RANEY, R. KEITH**
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
- RANEY, RONNIE E.**
STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
[NASA RELEASE-89-140] P89-10140 06
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06
- REAGAN, RONALD**
NASA ADMINISTRATOR FLETCHER RESIGNS
[NASA RELEASE-89-36] P89-10036 06
- ACTING NASA ADMINISTRATOR TO RESIGN
[NASA RELEASE-89-49] P89-10049 06
LOGO SELECTED FOR SPACE STATION FREEDOM PROGRAM
[NASA RELEASE-89-68] P89-10068 06
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA
P89-10194 05
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.
P89-10196 05
- REASENBERG, ROBERT D.**
NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06
- RICHARDS, RICHARD N.**
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
[NASA RELEASE-89-154] P89-10154 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06
- RIDE, SALLY K.**
NASA TO COMBINE EXPLORATION AND TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06
EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS
P89-10193 05
- RIESENHUBER, HEINZ**
NASA AND GERMAN MINISTRY SIGN SPACE TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06
- ROBINS, C. HOWARD, JR.**
ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR FOR MANAGEMENT
[NASA RELEASE-89-1] P89-10001 06
- RODNEY, GEORGE A.**
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
[NASA RELEASE-89-65] P89-10065 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
NASA PRESENTS EXCELLENCE AWARD TO LOCKHEED
[NASA RELEASE-89-168] P89-10168 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06
- ROMINGER, KENT V.**
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06
- ROOSEVELT, FRANKLIN D.**
ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05
- ROSE, JAMES T.**
NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
[NASA RELEASE-89-58] P89-10058 06
NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
[NASA RELEASE-89-139] P89-10139 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT 10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

ROSEN, CECIL C.

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

ROSEN, CECIL C.

US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT
TECHNOLOGY STUDY RESULTS
[NASA RELEASE-89-16] P89-10016 06

ROSEN, ROBERT

ROSEN NAMED ACTING ASSOCIATE
ADMINISTRATOR
[NASA RELEASE-89-41] P89-10041 06

ROSS, JERRY L.

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

ROSS, JIM

TRUCK AERODYNAMIC DEVICE COULD LEAD TO
MAJOR FUEL SAVINGS
[NASA RELEASE-89-17] P89-10017 06

ROUSE, BILL M.

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

RUDD, RICHARD P.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

RUSHWORTH, ROBERT A.

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

RUSSELL, C. T.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

RUTLAND, CARY H.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

S

SACKS, ALLAN L.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SAGAN, C.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SANDER, MICHAEL

NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

SANDERS, W. T.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SANFORD, R. G.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SANTAYANA, GEORGE

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

SANTOMASSO, BIANCA

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

SANTOMASSO, BIANCO

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

SAPP, B. J.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SARMIENTO, AUGUSTO

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SASSEEN, GEORGE T.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SAUCIER, SIDNEY P.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SAUER, W. F.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SAULIETIS, ANDY

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SAUNDERS, R. STEPHEN

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SCHABER, GERALD

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SCHIFFER, ROBERT A.

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

SCHOEBERL, MARK

NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06
NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

SCHUBERT, GERALD

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SCHUMACHER, PAUL MICHAEL

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SCOTT, BRUCE

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

SCULLY-POWER, PAUL D.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SEAT, JAMES C.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

SEDDON, MARGARET RHEA

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

PERSONAL NAMES INDEX

ASTRONAUTS NAMED FOR TWO SPACE SCIENCE
MISSIONS
[NASA RELEASE-89-44] P89-10044 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

SEIFF, A.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SELLERS, PIERS

NASA TO STUDY HOW VEGETATION INFLUENCES
WEATHER, CLIMATE
[NASA RELEASE-89-124] P89-10124 06

SHACKELFORD, MARK D.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

SHAFFER, RICHARD A.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SHAO, MICHAEL

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SHARP, JAMES

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

SHARP, JOSEPH

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

SHAW, BREWSTER HOPKINSON, JR.

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SHAW, J. SCOTT

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

SHEPHERD, WILLIAM M.

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

SHERWOOD, B. J.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SHOEMAKER, EUGENE

NASA ASTRONOMER DISCOVERS 'NEAR-MISS'
ASTEROID THAT PASSED EARTH
[NASA RELEASE-89-52] P89-10052 06

SHRIVER, LOREN J.

NASA TO FEATURE HUBBLE SPACE TELESCOPE AT
PARIS AIR SHOW
[NASA RELEASE-89-76] P89-10076 06

SHULMAN, LAWRENCE

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

SIECK, ROBERT B.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SILVERBERG, ROBERT F.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SINGH, N. B.
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

SISSON, JAMES M.
TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06
MOOREHEAD NAMED SPACE STATION FREEDOM
PROGRAM DEPUTY
[NASA RELEASE-89-155] P89-10155 06

SJOGREN, WILLIAM L.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SMELSER, JERRY W.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SMITH, BRADFORD A.
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

SMITH, GERALD W.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SMITH APPOINTED DEPUTY DIRECTOR, NASA
STENNIS SPACE CENTER
[NASA RELEASE-89-85] P89-10085 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SMITH, ROGERS
NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

SMITH, STERLING
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

SMOOT, GEORGE F.
NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SNYDER, ROBERT S.
NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

SODERBLOM, LAURENCE A.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SOFFEN, GERALD
NASA ANNOUNCES EARTH OBSERVATION SYSTEM
INVESTIGATIONS
[NASA RELEASE-89-15] P89-10015 06

SOLOMON, SEAN C.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SPEAR, ANTHONY J.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SPEARING, ROBERT E.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SPEHALSKI, RICHARD J.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SPENCER, ROY
NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

SPINTMAN, DANIEL A.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

SPRINGER, ROBERT C.
STS-29 COUNTDOWN DEMONSTRATION TEST
SCHEDULED FOR FEB. 7
[NASA RELEASE-89-13] P89-10013 06
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

SRIVATSAN, RAGHAVACHARI
NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
[NASA RELEASE-89-167] P89-10167 06

SROMOVSKY, L.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

STANLEY, H. RAY
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

STARKEY, NORM
FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

STEERS, LOUIS L.
NASA COMPLETES ADVANCED WING FLIGHT
PROGRAM, PLANS SYMPOSIUM
[NASA RELEASE-89-35] P89-10035 06

STEFFEN, JAMES E.
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

STEPHENSON, MARK W.
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

STEVENS, RICHARD A.
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

STEVENSON, CHARLES
SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

STEWART, JAMES
NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS
SYSTEM
[NASA RELEASE-89-69] P89-10069 06

STOLARSKI, RICHARD
NASA SCIENTISTS OBSERVE STRONG ANTARCTIC
OZONE HOLE
[NASA RELEASE-89-152] P89-10152 06

NASA CONFIRMS '89 OZONE HOLE MATCHES '87
RECORD
[NASA RELEASE-89-160] P89-10160 06

STONE, EDWARD C.
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06
PLANETARY EXPLORATION FEATURED IN NEXT
SATELLITE VIDEO CONFERENCE
[NASA RELEASE-89-144] P89-10144 06
NASA TO FURTHER DEVELOP 2 EXPLORER
SCIENTIFIC SPACECRAFT
[NASA RELEASE-89-159] P89-10159 06

STONE, WILLIAM C.
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

SUBRAMANIAN, R. SHANKAR
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

SULLIVAN, KATHRYN D.
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

SULZMAN, FRANK
NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

SUTTLES, JOHN T.
NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

SYNNOTT, STEPHEN P.
NASA'S VOYAGER 2 FINDS NEW MOON AROUND
NEPTUNE
[NASA RELEASE-89-110] P89-10110 06

SZABO, S. V.
NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

SZEKELY, JULIAN
NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

T

TALONE, JOHN J.
THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

TALWANI, MANIK
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

TANNER, E. RAY
SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06
TANNER TO LEAVE NASA
[NASA RELEASE-89-103] P89-10103 06

TAYLOR, KEITH A.
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

TAYLOR, LEON
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

TAYLOR, WILLIAM F.
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

TENNEY, DARREL
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

TEXTOR, GEORGE P.

TEXTOR, GEORGE P.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

THAGARD, NORMAN E.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

THOMA, ANDREW

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

THOMAS, DONALD A.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

THOMAS, JAMES A.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

THOMAS, JOHN W.

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

THOMPSON, DAVE

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NASA COMMERCIAL PROGRAMS
ADVISORY COMMITTEE; WASHINGTON, D.C.
P89-10195 05

THOMPSON, JAMES R., JR.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SHUTTLE-C USERS' CONFERENCE SLATED FOR
MAY 25-26
[NASA RELEASE-89-38] P89-10038 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

STUDENT FINALISTS TO PRESENT SPACE STATION
PROPOSALS
[NASA RELEASE-89-140] P89-10140 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
[NASA RELEASE-89-168] P89-10168 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C.
P89-10190 05

THOMPSON, MILTON O.

NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

THORNTON, KATHRYN C.

NASA SPACE SHUTTLE CREW ASSIGNMENTS
ANNOUNCED
[NASA RELEASE-89-106] P89-10106 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

THUOT, PIERRE J.

SPACE SHUTTLE CREW MEMBERS NAMED TO DOD,
LIFE SCIENCES MISSIONS
[NASA RELEASE-89-24] P89-10024 06

TILFORD, SHELBY G.

NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS
SPACE PLATFORM
[NASA RELEASE-89-9] P89-10009 06

U.S./USSR EARTH SCIENCES GROUP IDENTIFY
AREAS OF COOPERATION
[NASA RELEASE-89-123] P89-10123 06

TILTON, EDWARD L., III

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

TOLLER, GARY

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

TORBERT, ROY

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

TORGENSEN, PAUL E.

VIRGINIA TECH STUDENTS BUILD MOCKUP OF
NATIONAL AERO-SPACE PLANE
[NASA RELEASE-89-66] P89-10066 06

TOWNSEND, JOHN W., JR.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

TRAINOR, J. H.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

TRIPPENSEE, GARY

NASA COMPLETES FIRST X-29 FLIGHT RESEARCH,
PREPARES FOR SECOND
[NASA RELEASE-89-7] P89-10007 06

TRULY, RICHARD HARRISON

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

NASA TO FLY ONE SHUTTLE MISSION BETWEEN
MAGELLAN AND GALILEO
[NASA RELEASE-89-59] P89-10059 06

TRULY SELECTS KELLER AS ASSOCIATE DEPUTY
ADMINISTRATOR
[NASA RELEASE-89-75] P89-10075 06

SPACE STATION PROGRAM LEADERSHIP
SELECTED BY TRULY
[NASA RELEASE-89-77] P89-10077 06

AL DIAZ SELECTED AS DEPUTY ASSOCIATE
ADMINISTRATOR FOR SCIENCE
[NASA RELEASE-89-87] P89-10087 06

LEE APPOINTED DIRECTOR OF MARSHALL SPACE
FLIGHT CENTER
[NASA RELEASE-89-108] P89-10108 06

BALLHAUS RESIGNS AS DIRECTOR OF NASA'S
AMES RESEARCH CENTER
[NASA RELEASE-89-111] P89-10111 06

NASA AND GERMAN MINISTRY SIGN SPACE
TRANSPORTATION AGREEMENT
[NASA RELEASE-89-113] P89-10113 06

FORCE TO HEAD NASA SPACE OPERATIONS, ALLER
TO LEAVE CIVIL SERVICE
[NASA RELEASE-89-115] P89-10115 06

O'BRIEN RETURNS TO NASA AS ASSISTANT
DEPUTY ADMINISTRATOR
[NASA RELEASE-89-125] P89-10125 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

NASA DESIGNATES 17 SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-136] P89-10136 06

JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE
ADMINISTRATOR OF OSO
[NASA RELEASE-89-147] P89-10147 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR
AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN
TO HEAD SHUTTLE PROGRAM
[NASA RELEASE-89-162] P89-10162 06

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
[NASA RELEASE-89-165] P89-10165 06

ADMINISTRATOR TRULY GIVES BOOST TO
READING PROGRAM
[NASA RELEASE-89-166] P89-10166 06

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

SPACE EXPOSED TOMATO SEEDS ARE COMING
HOME
[NASA RELEASE-89-174] P89-10174 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
[NASA RELEASE-89-182] P89-10182 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT
COLLEGES/CONSORTIA
[NASA RELEASE-89-184] P89-10184 06

NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
[NASA RELEASE-89-185] P89-10185 06

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: PATHWAY TO THE PLANETS
CONFERENCE; WASHINGTON, D.C. P89-10187 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND
THE ENVIRONMENT; PARIS, FRANCE
P89-10188 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: NATIONAL SPACE OUTLOOK
CONFERENCE; TYSON'S CORNER, VA.
P89-10189 05

+ EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC
INFORMATION CONFERENCE FOR COMMERCE AND
INDUSTRY; WASHINGTON, D.C. P89-10190 05

+ ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

TURNER, VAUGHN E.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

TURTIL, J. F.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

TWIGG, PAMELA D.

NASA SCIENTISTS IDENTIFY MOLECULAR
STRUCTURE OF BLOOD PROTEIN
[NASA RELEASE-89-97] P89-10097 06

TYLER, G. LEONARD

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06
ANTENNA IN JAPAN TO AID VOYAGER'S RADIO
SCIENCE STUDY OF NEPTUNE
[NASA RELEASE-89-133] P89-10133 06

U

URBAIN LE VERRIER, JEAN JOSEPH

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

UTSMAN, THOMAS E.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

V

VALENTINE, RICHARD E.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

VALENZUELA, ARNOLDO

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

VAN ALLEN, J.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

VAN HOFFEN, JAMES C.

ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
[NASA RELEASE-89-89] P89-10089 06

VAUGHAN, OTHA H., JR.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06
SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

VEACH, CHARLES LACY

ASTRONAUTS NAMED TO TWO DOD MISSIONS
SCHEDULED FOR 1990
[NASA RELEASE-89-71] P89-10071 06

ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE
MISSIONS
[NASA RELEASE-89-154] P89-10154 06

VELLINGER, JOHN C.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06
THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

VENNERI, SAM

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

VONNEGUT, BERNARD

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

W

WALKER, ARTHUR B., JR.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

WALKER, DAVID M.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

WALKER, ROBERT M.

NASA SELECTS SCIENCE EXPERIMENTS FOR
SPACE STATION FREEDOM
[NASA RELEASE-89-104] P89-10104 06

WALLACE, SHARON K.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

WALTERS, VERNON

EXCERPTS FROM REMARKS PREPARED FOR
DELIVERY: CIA GUEST SPEAKER PROGRAM;
LANGLEY, VIRGINIA P89-10194 05

WALZ, CARL E.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

WARING, ELIZABETH

NATIONAL STUDENT WINNERS NAMED IN SPACE
SCIENCE COMPETITION
[NASA RELEASE-89-146] P89-10146 06

WARNER, JOSEPH D.

MILESTONE REACHED IN SUPERCONDUCTIVITY
[NASA RELEASE-89-127] P89-10127 06

WARWICK, JAMES W.

VOYAGER 2 ENCOUNTER OF NEPTUNE
[NASA RELEASE-89-131] P89-10131 06

VOYAGER SPACECRAFT DETECTS RADIO
EMISSIONS FROM NEPTUNE
[NASA RELEASE-89-134] P89-10134 06

WATKINS, F. E.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

WEINBERG, JERRY

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
[NASA RELEASE-89-186] P89-10186 06

WEINBERG, MICHAEL C.

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

WEIR, JAMES E.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

WEISS, RAINER

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WEITZ, PAUL JOSEPH

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

TRULY ASSIGNS JSC'S COHEN TO LEAD NASA
PREPARATION FOR NEW CIVIL SPACE GOALS
[NASA RELEASE-89-126] P89-10126 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

WESCOTT, GENE

MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE
ALONG EAST COAST
[NASA RELEASE-89-55] P89-10055 06

WESEMAEL, F.

ASTRONOMERS DISCOVER ACTIVE STELLAR
CORPSE
[NASA RELEASE-89-3] P89-10003 06

WETHERBEE, JAMES D.

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

WEYERS, V. J.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

WHITE, GARY

NASA OPENS ITS DATA BASES TO STIMULATE
STUDENT SCIENCE/ENGINEERING
[NASA RELEASE-89-148] P89-10148 06

WHITE, ROBERT

SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO'
FOR DISCOVERY FLIGHT
[NASA RELEASE-89-25] P89-10025 06

WHITE, ROBERT MICHAEL

NASA CELEBRATES FLIGHT OF FIRST HYPersonic
RESEARCH AIRCRAFT
[NASA RELEASE-89-82] P89-10082 06

WHITE, RONALD

NASA SELECTS PAYLOAD SPECIALISTS FOR
SPACELAB MISSION
[NASA RELEASE-89-4] P89-10004 06

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

WHITLOCK, CHARLES H.

NASA CONDUCTS FIRST GLOBAL SURFACE
RADIATION BUDGET EXPERIMENT
[NASA RELEASE-89-48] P89-10048 06

WIEDEMEIER, HERBERT

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

WILCUTT, TERENCE W.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

WILFONG, DEBRA L.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

WILKINS, EBTISAM

NASA/UNIVERSITY COLLABORATION MAY YIELD
AUTOMATIC GLUCOSE MONITOR
[NASA RELEASE-89-22] P89-10022 06

WILKINSON, DAVID T.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WILKINSON, R. ALLEN

NASA SELECTS SCIENCE EXPERIMENTS FOR
MICROGRAVITY MISSIONS
[NASA RELEASE-89-105] P89-10105 06

WILLIAMS, DONALD E.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

THE YEAR IN REVIEW - 1989
[NASA RELEASE-89-183] P89-10183 06

WILLIAMS, JAMES G.

APOLLO-11 LUNAR EXPERIMENT STILL USEFUL
AFTER 20 YEARS
[NASA RELEASE-89-119] P89-10119 06

WILLIAMS, LOUIS J.

NASA PARTICIPATES IN FIRST 'AIRSHOW
CANADA'
[NASA RELEASE-89-130] P89-10130 06

WILSON, GREGORY

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

WILSON, ROBERT

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WINGET, CHARLES**WINGET, CHARLES**

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

WINTERHALTER, DAVID L.

THIRD TRACKING AND DATA RELAY SATELLITE TO
BE DEPLOYED BY STS-29
[NASA RELEASE-89-23] P89-10023 06

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
[NASA RELEASE-89-180] P89-10180 06

WISNIEWSKI, RICHARD J.

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
[NASA RELEASE-89-171] P89-10171 06

WOHRMAN, F.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

WOLFGANG, J. L.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WOLVERTON, BILL

STUDY SHOWS COMMON PLANTS HELP REDUCE
INDOOR AIR POLLUTION
[NASA RELEASE-89-149] P89-10149 06

WOMACK, JAMES L.

NASA TO LAUNCH NAVY COMMUNICATIONS
SATELLITE
[NASA RELEASE-89-145] P89-10145 06

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WOOD, JOHN A.

SPACE SHUTTLE TO DEPLOY MAGELLAN
PLANETARY SCIENCE MISSION
[NASA RELEASE-89-46] P89-10046 06

WOOD, ROBERT J.

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

WRIGHT, EDWARD L.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

WRIGHT, JOSEPH

LEWIS RESEARCH CENTER WINS QUALITY
IMPROVEMENT PROTOTYPE AWARD
[NASA RELEASE-89-21] P89-10021 06

WRIGHT, ORVILLE

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

WRIGHT, WILBUR

ADDRESS TO THE NATIONAL PRESS CLUB
P89-10191 05

WYNGAARDEN, JAMES

NASA AND NIH APPOINT INTERAGENCY WORKING
GROUP MEMBERS
[NASA RELEASE-89-10] P89-10010 06

Y**YAU, KEVIN**

CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S
ROTATION
[NASA RELEASE-89-90] P89-10090 06

YEATES, CLAYNE M.

SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE
TOWARD JUPITER
[NASA RELEASE-89-151] P89-10151 06

YEN, ALBERT

SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

YOUNG, DICK

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
[NASA RELEASE-89-173] P89-10173 06

YOUNG, E. W.

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
[NASA RELEASE-89-172] P89-10172 06

YOUNT, PETER E.

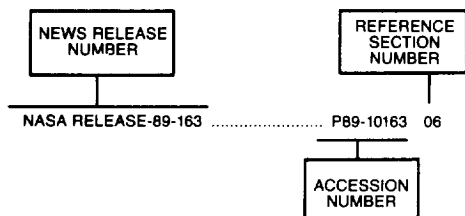
SECOND GROUP OF ASTRONAUT HOPEFULS TO
ARRIVE AT JSC
[NASA RELEASE-89-153] P89-10153 06

Z**ZIPF, EDWARD C.**

ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND
U.S.
[NASA RELEASE-89-30] P89-10030 06

ZUKOR, DOROTHY J.

FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO
ARRIVE AT JSC
[NASA RELEASE-89-143] P89-10143 06

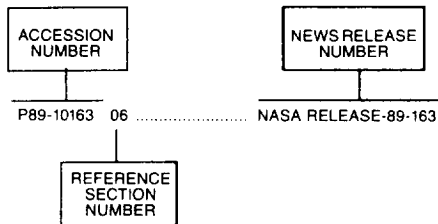
Typical News Release Number
Index Listing

This index correlates each news release number with its corresponding accession number. Following the accession number is a two-digit number (05 or 06) identifying the index section where the complete citation appears. News release numbers that were assigned but not used in this index have been omitted from this listing.

NASA RELEASE-89-1	P89-10001	06	NASA RELEASE-89-56	P89-10056	06	NASA RELEASE-89-139	P89-10139	06
NASA RELEASE-89-2	P89-10002	06	NASA RELEASE-89-57	P89-10057	06	NASA RELEASE-89-140	P89-10140	06
NASA RELEASE-89-3	P89-10003	06	NASA RELEASE-89-58	P89-10058	06	NASA RELEASE-89-141	P89-10141	06
NASA RELEASE-89-4	P89-10004	06	NASA RELEASE-89-59	P89-10059	06	NASA RELEASE-89-142	P89-10142	06
NASA RELEASE-89-5	P89-10005	06	NASA RELEASE-89-60	P89-10060	06	NASA RELEASE-89-143	P89-10143	06
NASA RELEASE-89-6	P89-10006	06	NASA RELEASE-89-61	P89-10061	06	NASA RELEASE-89-144	P89-10144	06
NASA RELEASE-89-7	P89-10007	06	NASA RELEASE-89-62	P89-10062	06	NASA RELEASE-89-145	P89-10145	06
NASA RELEASE-89-8	P89-10008	06	NASA RELEASE-89-63	P89-10063	06	NASA RELEASE-89-146	P89-10146	06
NASA RELEASE-89-9	P89-10009	06	NASA RELEASE-89-64	P89-10064	06	NASA RELEASE-89-147	P89-10147	06
NASA RELEASE-89-10	P89-10010	06	NASA RELEASE-89-65	P89-10065	06	NASA RELEASE-89-148	P89-10148	06
NASA RELEASE-89-11	P89-10011	06	NASA RELEASE-89-66	P89-10066	06	NASA RELEASE-89-149	P89-10149	06
NASA RELEASE-89-12	P89-10012	06	NASA RELEASE-89-67	P89-10067	06	NASA RELEASE-89-150	P89-10150	06
NASA RELEASE-89-13	P89-10013	06	NASA RELEASE-89-68	P89-10068	06	NASA RELEASE-89-151	P89-10151	06
NASA RELEASE-89-14	P89-10014	06	NASA RELEASE-89-69	P89-10069	06	NASA RELEASE-89-152	P89-10152	06
NASA RELEASE-89-15	P89-10015	06	NASA RELEASE-89-70	P89-10070	06	NASA RELEASE-89-153	P89-10153	06
NASA RELEASE-89-16	P89-10016	06	NASA RELEASE-89-71	P89-10071	06	NASA RELEASE-89-154	P89-10154	06
NASA RELEASE-89-17	P89-10017	06	NASA RELEASE-89-72	P89-10072	06	NASA RELEASE-89-155	P89-10155	06
NASA RELEASE-89-18	P89-10018	06	NASA RELEASE-89-73	P89-10073	06	NASA RELEASE-89-156	P89-10156	06
NASA RELEASE-89-19	P89-10019	06	NASA RELEASE-89-74	P89-10074	06	NASA RELEASE-89-157	P89-10157	06
NASA RELEASE-89-20	P89-10020	06	NASA RELEASE-89-75	P89-10075	06	NASA RELEASE-89-158	P89-10158	06
NASA RELEASE-89-21	P89-10021	06	NASA RELEASE-89-76	P89-10076	06	NASA RELEASE-89-159	P89-10159	06
NASA RELEASE-89-22	P89-10022	06	NASA RELEASE-89-77	P89-10077	06	NASA RELEASE-89-160	P89-10160	06
NASA RELEASE-89-23	P89-10023	06	NASA RELEASE-89-78	P89-10078	06	NASA RELEASE-89-161	P89-10161	06
NASA RELEASE-89-24	P89-10024	06	NASA RELEASE-89-79	P89-10079	06	NASA RELEASE-89-162	P89-10162	06
NASA RELEASE-89-25	P89-10025	06	NASA RELEASE-89-80	P89-10080	06	NASA RELEASE-89-163	P89-10163	06
NASA RELEASE-89-26	P89-10026	06	NASA RELEASE-89-81	P89-10081	06	NASA RELEASE-89-164	P89-10164	06
NASA RELEASE-89-27	P89-10027	06	NASA RELEASE-89-82	P89-10082	06	NASA RELEASE-89-165	P89-10165	06
NASA RELEASE-89-28	P89-10028	06	NASA RELEASE-89-83	P89-10083	06	NASA RELEASE-89-166	P89-10166	06
NASA RELEASE-89-29	P89-10029	06	NASA RELEASE-89-84	P89-10084	06	NASA RELEASE-89-167	P89-10167	06
NASA RELEASE-89-30	P89-10030	06	NASA RELEASE-89-85	P89-10085	06	NASA RELEASE-89-168	P89-10168	06
NASA RELEASE-89-31	P89-10031	06	NASA RELEASE-89-86	P89-10086	06	NASA RELEASE-89-169	P89-10169	06
NASA RELEASE-89-32	P89-10032	06	NASA RELEASE-89-87	P89-10087	06	NASA RELEASE-89-170	P89-10170	06
NASA RELEASE-89-33	P89-10033	06	NASA RELEASE-89-88	P89-10088	06	NASA RELEASE-89-171	P89-10171	06
NASA RELEASE-89-34	P89-10034	06	NASA RELEASE-89-89	P89-10089	06	NASA RELEASE-89-172	P89-10172	06
NASA RELEASE-89-35	P89-10035	06	NASA RELEASE-89-90	P89-10090	06	NASA RELEASE-89-173	P89-10173	06
NASA RELEASE-89-36	P89-10036	06	NASA RELEASE-89-91	P89-10091	06	NASA RELEASE-89-174	P89-10174	06
NASA RELEASE-89-37	P89-10037	06	NASA RELEASE-89-92	P89-10092	06	NASA RELEASE-89-175	P89-10175	06
NASA RELEASE-89-38	P89-10038	06	NASA RELEASE-89-93	P89-10093	06	NASA RELEASE-89-176	P89-10176	06
NASA RELEASE-89-39	P89-10039	06	NASA RELEASE-89-94	P89-10094	06	NASA RELEASE-89-177	P89-10177	06
NASA RELEASE-89-40	P89-10040	06	NASA RELEASE-89-95	P89-10095	06	NASA RELEASE-89-178	P89-10178	06
NASA RELEASE-89-41	P89-10041	06	NASA RELEASE-89-96	P89-10096	06	NASA RELEASE-89-179	P89-10179	06
NASA RELEASE-89-42	P89-10042	06	NASA RELEASE-89-97	P89-10097	06	NASA RELEASE-89-180	P89-10180	06
NASA RELEASE-89-43	P89-10043	06	NASA RELEASE-89-98	P89-10098	06	NASA RELEASE-89-181	P89-10181	06
NASA RELEASE-89-44	P89-10044	06	NASA RELEASE-89-99	P89-10099	06	NASA RELEASE-89-182	P89-10182	06
NASA RELEASE-89-45	P89-10045	06	NASA RELEASE-89-100	P89-10100	06	NASA RELEASE-89-183	P89-10183	06
NASA RELEASE-89-46	P89-10046	06	NASA RELEASE-89-101	P89-10101	06	NASA RELEASE-89-184	P89-10184	06
NASA RELEASE-89-47	P89-10047	06	NASA RELEASE-89-102	P89-10102	06	NASA RELEASE-89-185	P89-10185	06
NASA RELEASE-89-48	P89-10048	06	NASA RELEASE-89-103	P89-10103	06	NASA RELEASE-89-186	P89-10186	06
NASA RELEASE-89-49	P89-10049	06	NASA RELEASE-89-104	P89-10104	06			
NASA RELEASE-89-50	P89-10050	06	NASA RELEASE-89-105	P89-10105	06			
NASA RELEASE-89-51	P89-10051	06	NASA RELEASE-89-106	P89-10106	06			
NASA RELEASE-89-52	P89-10052	06	NASA RELEASE-89-107	P89-10107	06			
NASA RELEASE-89-53	P89-10053	06	NASA RELEASE-89-108	P89-10108	06			
NASA RELEASE-89-54	P89-10054	06	NASA RELEASE-89-109	P89-10109	06			
NASA RELEASE-89-55	P89-10055	06	NASA RELEASE-89-110	P89-10110	06			
			NASA RELEASE-89-111	P89-10111	06			
			NASA RELEASE-89-112	P89-10112	06			
			NASA RELEASE-89-113	P89-10113	06			
			NASA RELEASE-89-114	P89-10114	06			
			NASA RELEASE-89-115	P89-10115	06			
			NASA RELEASE-89-116	P89-10116	06			
			NASA RELEASE-89-117	P89-10117	06			
			NASA RELEASE-89-118	P89-10118	06			
			NASA RELEASE-89-119	P89-10119	06			
			NASA RELEASE-89-120	P89-10120	06			
			NASA RELEASE-89-121	P89-10121	06			
			NASA RELEASE-89-122	P89-10122	06			
			NASA RELEASE-89-123	P89-10123	06			
			NASA RELEASE-89-124	P89-10124	06			
			NASA RELEASE-89-125	P89-10125	06			
			NASA RELEASE-89-126	P89-10126	06			
			NASA RELEASE-89-127	P89-10127	06			
			NASA RELEASE-89-128	P89-10128	06			
			NASA RELEASE-89-129	P89-10129	06			
			NASA RELEASE-89-130	P89-10130	06			
			NASA RELEASE-89-131	P89-10131	06			
			NASA RELEASE-89-132	P89-10132	06			
			NASA RELEASE-89-133	P89-10133	06			
			NASA RELEASE-89-134	P89-10134	06			
			NASA RELEASE-89-135	P89-10135	06			
			NASA RELEASE-89-136	P89-10136	06			
			NASA RELEASE-89-137	P89-10137	06			
			NASA RELEASE-89-138	P89-10138	06			

INDEX TO NASA NEWS RELEASES AND SPEECHES 1989

APRIL 1990

Typical Accession Number
Index Listing

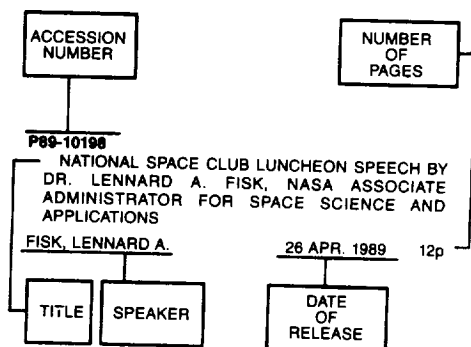
This index correlates each accession number with its corresponding news release number, if assigned. The accession number is followed by a two-digit number (05 or 06) identifying the index section where the complete citation appears. The statement NO REPORT NUMBER appears for unnumbered news releases and speeches.

P89-10001 06 NASA RELEASE-89-1
 P89-10002 06 NASA RELEASE-89-2
 P89-10003 06 NASA RELEASE-89-3
 P89-10004 06 NASA RELEASE-89-4
 P89-10005 06 NASA RELEASE-89-5
 P89-10006 06 NASA RELEASE-89-6
 P89-10007 06 NASA RELEASE-89-7
 P89-10008 06 NASA RELEASE-89-8
 P89-10009 06 NASA RELEASE-89-9
 P89-10010 06 NASA RELEASE-89-10
 P89-10011 06 NASA RELEASE-89-11
 P89-10012 06 NASA RELEASE-89-12
 P89-10013 06 NASA RELEASE-89-13
 P89-10014 06 NASA RELEASE-89-14
 P89-10015 06 NASA RELEASE-89-15
 P89-10016 06 NASA RELEASE-89-16
 P89-10017 06 NASA RELEASE-89-17
 P89-10018 06 NASA RELEASE-89-18
 P89-10019 06 NASA RELEASE-89-19
 P89-10020 06 NASA RELEASE-89-20
 P89-10021 06 NASA RELEASE-89-21
 P89-10022 06 NASA RELEASE-89-22
 P89-10023 06 NASA RELEASE-89-23
 P89-10024 06 NASA RELEASE-89-24
 P89-10025 06 NASA RELEASE-89-25
 P89-10026 06 NASA RELEASE-89-26
 P89-10027 06 NASA RELEASE-89-27
 P89-10028 06 NASA RELEASE-89-28
 P89-10029 06 NASA RELEASE-89-29
 P89-10030 06 NASA RELEASE-89-30
 P89-10031 06 NASA RELEASE-89-31
 P89-10032 06 NASA RELEASE-89-32
 P89-10033 06 NASA RELEASE-89-33
 P89-10034 06 NASA RELEASE-89-34
 P89-10035 06 NASA RELEASE-89-35
 P89-10036 06 NASA RELEASE-89-36
 P89-10037 06 NASA RELEASE-89-37
 P89-10038 06 NASA RELEASE-89-38
 P89-10039 06 NASA RELEASE-89-39
 P89-10040 06 NASA RELEASE-89-40
 P89-10041 06 NASA RELEASE-89-41
 P89-10042 06 NASA RELEASE-89-42
 P89-10043 06 NASA RELEASE-89-43
 P89-10044 06 NASA RELEASE-89-44
 P89-10045 06 NASA RELEASE-89-45
 P89-10046 06 NASA RELEASE-89-46
 P89-10047 06 NASA RELEASE-89-47
 P89-10048 06 NASA RELEASE-89-48
 P89-10049 06 NASA RELEASE-89-49
 P89-10050 06 NASA RELEASE-89-50
 P89-10051 06 NASA RELEASE-89-51
 P89-10052 06 NASA RELEASE-89-52
 P89-10053 06 NASA RELEASE-89-53
 P89-10054 06 NASA RELEASE-89-54
 P89-10055 06 NASA RELEASE-89-55

P89-10056 06 NASA RELEASE-89-56
 P89-10057 06 NASA RELEASE-89-57
 P89-10058 06 NASA RELEASE-89-58
 P89-10059 06 NASA RELEASE-89-59
 P89-10060 06 NASA RELEASE-89-60
 P89-10061 06 NASA RELEASE-89-61
 P89-10062 06 NASA RELEASE-89-62
 P89-10063 06 NASA RELEASE-89-63
 P89-10064 06 NASA RELEASE-89-64
 P89-10065 06 NASA RELEASE-89-65
 P89-10066 06 NASA RELEASE-89-66
 P89-10067 06 NASA RELEASE-89-67
 P89-10068 06 NASA RELEASE-89-68
 P89-10069 06 NASA RELEASE-89-69
 P89-10070 06 NASA RELEASE-89-70
 P89-10071 06 NASA RELEASE-89-71
 P89-10072 06 NASA RELEASE-89-72
 P89-10073 06 NASA RELEASE-89-73
 P89-10074 06 NASA RELEASE-89-74
 P89-10075 06 NASA RELEASE-89-75
 P89-10076 06 NASA RELEASE-89-76
 P89-10077 06 NASA RELEASE-89-77
 P89-10078 06 NASA RELEASE-89-78
 P89-10079 06 NASA RELEASE-89-79
 P89-10080 06 NASA RELEASE-89-80
 P89-10081 06 NASA RELEASE-89-81
 P89-10082 06 NASA RELEASE-89-82
 P89-10083 06 NASA RELEASE-89-83
 P89-10084 06 NASA RELEASE-89-84
 P89-10085 06 NASA RELEASE-89-85
 P89-10086 06 NASA RELEASE-89-86
 P89-10087 06 NASA RELEASE-89-87
 P89-10088 06 NASA RELEASE-89-88
 P89-10089 06 NASA RELEASE-89-89
 P89-10090 06 NASA RELEASE-89-90
 P89-10091 06 NASA RELEASE-89-91
 P89-10092 06 NASA RELEASE-89-92
 P89-10093 06 NASA RELEASE-89-93
 P89-10094 06 NASA RELEASE-89-94
 P89-10095 06 NASA RELEASE-89-95
 P89-10096 06 NASA RELEASE-89-96
 P89-10097 06 NASA RELEASE-89-97
 P89-10098 06 NASA RELEASE-89-98
 P89-10099 06 NASA RELEASE-89-99
 P89-10100 06 NASA RELEASE-89-100
 P89-10101 06 NASA RELEASE-89-101
 P89-10102 06 NASA RELEASE-89-102
 P89-10103 06 NASA RELEASE-89-103
 P89-10104 06 NASA RELEASE-89-104
 P89-10105 06 NASA RELEASE-89-105
 P89-10106 06 NASA RELEASE-89-106
 P89-10107 06 NASA RELEASE-89-107
 P89-10108 06 NASA RELEASE-89-108
 P89-10109 06 NASA RELEASE-89-109
 P89-10110 06 NASA RELEASE-89-110
 P89-10111 06 NASA RELEASE-89-111
 P89-10112 06 NASA RELEASE-89-112
 P89-10113 06 NASA RELEASE-89-113
 P89-10114 06 NASA RELEASE-89-114
 P89-10115 06 NASA RELEASE-89-115
 P89-10116 06 NASA RELEASE-89-116
 P89-10117 06 NASA RELEASE-89-117
 P89-10118 06 NASA RELEASE-89-118
 P89-10119 06 NASA RELEASE-89-119
 P89-10120 06 NASA RELEASE-89-120
 P89-10121 06 NASA RELEASE-89-121
 P89-10122 06 NASA RELEASE-89-122
 P89-10123 06 NASA RELEASE-89-123
 P89-10124 06 NASA RELEASE-89-124
 P89-10125 06 NASA RELEASE-89-125
 P89-10126 06 NASA RELEASE-89-126
 P89-10127 06 NASA RELEASE-89-127
 P89-10128 06 NASA RELEASE-89-128
 P89-10129 06 NASA RELEASE-89-129
 P89-10130 06 NASA RELEASE-89-130
 P89-10131 06 NASA RELEASE-89-131
 P89-10132 06 NASA RELEASE-89-132
 P89-10133 06 NASA RELEASE-89-133
 P89-10134 06 NASA RELEASE-89-134
 P89-10135 06 NASA RELEASE-89-135
 P89-10136 06 NASA RELEASE-89-136
 P89-10137 06 NASA RELEASE-89-137
 P89-10138 06 NASA RELEASE-89-138

P89-10139 06 NASA RELEASE-89-139
 P89-10140 06 NASA RELEASE-89-140
 P89-10141 06 NASA RELEASE-89-141
 P89-10142 06 NASA RELEASE-89-142
 P89-10143 06 NASA RELEASE-89-143
 P89-10144 06 NASA RELEASE-89-144
 P89-10145 06 NASA RELEASE-89-145
 P89-10146 06 NASA RELEASE-89-146
 P89-10147 06 NASA RELEASE-89-147
 P89-10148 06 NASA RELEASE-89-148
 P89-10149 06 NASA RELEASE-89-149
 P89-10150 06 NASA RELEASE-89-150
 P89-10151 06 NASA RELEASE-89-151
 P89-10152 06 NASA RELEASE-89-152
 P89-10153 06 NASA RELEASE-89-153
 P89-10154 06 NASA RELEASE-89-154
 P89-10155 06 NASA RELEASE-89-155
 P89-10156 06 NASA RELEASE-89-156
 P89-10157 06 NASA RELEASE-89-157
 P89-10158 06 NASA RELEASE-89-158
 P89-10159 06 NASA RELEASE-89-159
 P89-10160 06 NASA RELEASE-89-160
 P89-10161 06 NASA RELEASE-89-161
 P89-10162 06 NASA RELEASE-89-162
 P89-10163 06 NASA RELEASE-89-163
 P89-10164 06 NASA RELEASE-89-164
 P89-10165 06 NASA RELEASE-89-165
 P89-10166 06 NASA RELEASE-89-166
 P89-10167 06 NASA RELEASE-89-167
 P89-10168 06 NASA RELEASE-89-168
 P89-10169 06 NASA RELEASE-89-169
 P89-10170 06 NASA RELEASE-89-170
 P89-10171 06 NASA RELEASE-89-171
 P89-10172 06 NASA RELEASE-89-172
 P89-10173 06 NASA RELEASE-89-173
 P89-10174 06 NASA RELEASE-89-174
 P89-10175 06 NASA RELEASE-89-175
 P89-10176 06 NASA RELEASE-89-176
 P89-10177 06 NASA RELEASE-89-177
 P89-10178 06 NASA RELEASE-89-178
 P89-10179 06 NASA RELEASE-89-179
 P89-10180 06 NASA RELEASE-89-180
 P89-10181 06 NASA RELEASE-89-181
 P89-10182 06 NASA RELEASE-89-182
 P89-10183 06 NASA RELEASE-89-183
 P89-10184 06 NASA RELEASE-89-184
 P89-10185 06 NASA RELEASE-89-185
 P89-10186 06 NASA RELEASE-89-186
 P89-10187 05 NO REPORT NUMBER
 P89-10188 05 NO REPORT NUMBER
 P89-10189 05 NO REPORT NUMBER
 P89-10190 05 NO REPORT NUMBER
 P89-10191 05 NO REPORT NUMBER
 P89-10192 05 NO REPORT NUMBER
 P89-10193 05 NO REPORT NUMBER
 P89-10194 05 NO REPORT NUMBER
 P89-10195 05 NO REPORT NUMBER
 P89-10196 05 NO REPORT NUMBER
 P89-10197 05 NO REPORT NUMBER
 P89-10198 05 NO REPORT NUMBER

Typical Speech Entry



This listing provides the complete citation for each speech indexed in this publication. Included for each speech are the title, name of speaker, date of release, and other reference information.

P89-10195

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NASA COMMERCIAL PROGRAMS ADVISORY COMMITTEE; WASHINGTON, D.C.

FLETCHER, JAMES C. 8 FEB. 1989 7p

P89-10196

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PRESIDENTIAL CLASSROOM FOR YOUNG AMERICANS SEMINAR; WASHINGTON, D.C.

MYERS, DALE D. 24 FEB. 1989 16p

P89-10197

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: U.S. SPACE FOUNDATION'S FIFTH NATIONAL SPACE SYMPOSIUM; COLORADO SPRINGS, COLORADO

FLETCHER, JAMES C. 5 APR. 1989 10p

P89-10198

NATIONAL SPACE CLUB LUNCHEON SPEECH BY DR. LENNARD A. FISK, NASA ASSOCIATE ADMINISTRATOR FOR SPACE SCIENCE AND APPLICATIONS

FISK, LENNARD A. 26 APR. 1989 12p

P89-10187

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: PATHWAY TO THE PLANETS CONFERENCE; WASHINGTON, D.C.

TRULY, RICHARD HARRISON 31 MAY 1989 11p

P89-10188

EXCERPTS OF REMARKS PREPARED FOR DELIVERY: EUROSPEACE SYMPOSIUM: SPACE AND THE ENVIRONMENT; PARIS, FRANCE

TRULY, RICHARD HARRISON 12 JUN. 1989 10p

P89-10189

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: NATIONAL SPACE OUTLOOK CONFERENCE; TYSON'S CORNER, VA.

TRULY, RICHARD HARRISON 20 JUN. 1989 11p

P89-10190

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: INTERNATIONAL SPACE YEAR PUBLIC INFORMATION CONFERENCE FOR COMMERCE AND INDUSTRY; WASHINGTON, D.C.

TRULY, RICHARD HARRISON 17 JUL. 1989 12p

P89-10191

ADDRESS TO THE NATIONAL PRESS CLUB

TRULY, RICHARD HARRISON 26 OCT. 1989 9p

P89-10192

NASA BUDGET PRESS CONFERENCE: STATEMENT OF DR. JAMES C. FLETCHER, NASA ADMINISTRATOR

FLETCHER, JAMES C. 9 JAN. 1989 4p

P89-10193

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: BRIEFING FOR CEOS OF NASA MAJOR CONTRACTOR COMPANIES; NASA HEADQUARTERS

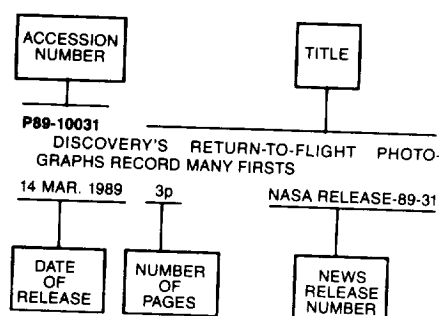
FLETCHER, JAMES C. 18 JAN. 1989 8p

P89-10194

EXCERPTS FROM REMARKS PREPARED FOR DELIVERY: CIA GUEST SPEAKER PROGRAM; LANGLEY, VIRGINIA

FLETCHER, JAMES C. 2 FEB. 1989 15p

Typical News Release Entry



This listing provides the complete citation for each news release indexed in this publication. Included for each news release are the title, date of release, news release number (if any), and other reference information.

- P89-10001**
ROBINS NAMED NASA ASSOCIATE ADMINISTRATOR FOR MANAGEMENT
5 JAN. 1989 1p NASA RELEASE-89-1
- P89-10002**
SPACE SHUTTLE SOLID ROCKET MOTOR SLATED FOR FINAL TEST FIRING
10 JAN. 1989 1p NASA RELEASE-89-2
- P89-10003**
ASTRONOMERS DISCOVER ACTIVE STELLAR CORPSE
11 JAN. 1989 2p NASA RELEASE-89-3
- P89-10004**
NASA SELECTS PAYLOAD SPECIALISTS FOR SPACELAB MISSION
11 JAN. 1989 2p NASA RELEASE-89-4
- P89-10005**
IMAGE PROCESSING TO RELIEVE VISION PROBLEMS
18 JAN. 1989 2p NASA RELEASE-89-5
- P89-10006**
NASA CALLS FOR PROPOSALS REGARDING REUSABLE REENTRY SATELLITE
18 JAN. 1989 2p NASA RELEASE-89-6
- P89-10007**
NASA COMPLETES FIRST X-29 FLIGHT RESEARCH, PREPARES FOR SECOND
19 JAN. 1989 2p NASA RELEASE-89-7
- P89-10008**
NASA SEEKS PROPOSAL FOR ORBITAL DEBRIS RADAR
19 JAN. 1989 2p NASA RELEASE-89-8
- P89-10009**
NASA SELECTS ATMOSPHERIC SOUNDER FOR EOS SPACE PLATFORM
23 JAN. 1989 3p NASA RELEASE-89-9

- P89-10010**
NASA AND NIH APPOINT INTERAGENCY WORKING GROUP MEMBERS
23 JAN. 1989 2p NASA RELEASE-89-10
- P89-10011**
NASA ANNOUNCES PROGRAM FOR A DRUG-FREE WORKPLACE
26 JAN. 1989 2p NASA RELEASE-89-11
- P89-10012**
BALLHAUS RETURNS TO AMES RESEARCH CENTER
1 FEB. 1989 1p NASA RELEASE-89-12
- P89-10013**
STS-29 COUNTDOWN DEMONSTRATION TEST SCHEDULED FOR FEB. 7
3 FEB. 1989 2p NASA RELEASE-89-13
- P89-10014**
EFFECTS OF CLOUDS ON CLIMATE MEASURED BY NASA PROJECT
6 FEB. 1989 3p NASA RELEASE-89-14
- P89-10015**
NASA ANNOUNCES EARTH OBSERVATION SYSTEM INVESTIGATIONS
8 FEB. 1989 4p NASA RELEASE-89-15
- P89-10016**
US/UK ASTOVL PARTNERS ANNOUNCE AIRCRAFT TECHNOLOGY STUDY RESULTS
10 FEB. 1989 2p NASA RELEASE-89-16
- P89-10017**
TRUCK AERODYNAMIC DEVICE COULD LEAD TO MAJOR FUEL SAVINGS
14 FEB. 1989 3p NASA RELEASE-89-17
- P89-10018**
COSMOS MISSION RESULTS AND FUTURE U.S./USSR MISSIONS ANNOUNCED
16 FEB. 1989 3p NASA RELEASE-89-18
- P89-10019**
NASA SELECTS SMALL BUSINESS INNOVATION RESEARCH PHASE II PROJECTS
17 FEB. 1989 2p NASA RELEASE-89-19
- P89-10020**
ORBITAL DEBRIS STUDY COMPLETED
17 FEB. 1989 5p NASA RELEASE-89-20
- P89-10021**
LEWIS RESEARCH CENTER WINS QUALITY IMPROVEMENT PROTOTYPE AWARD
22 FEB. 1989 2p NASA RELEASE-89-21
- P89-10022**
NASA/UNIVERSITY COLLABORATION MAY YIELD AUTOMATIC GLUCOSE MONITOR
22 FEB. 1989 2p NASA RELEASE-89-22
- P89-10023**
THIRD TRACKING AND DATA RELAY SATELLITE TO BE DEPLOYED BY STS-29
MAR. 1989 29p NASA RELEASE-89-23
- P89-10024**
SPACE SHUTTLE CREW MEMBERS NAMED TO DOD, LIFE SCIENCES MISSIONS
24 FEB. 1989 2p NASA RELEASE-89-24
- P89-10025**
SHUTTLE TILE DAMAGE STUDY COMPLETED; 'GO' FOR DISCOVERY FLIGHT
28 FEB. 1989 3p NASA RELEASE-89-25
- P89-10026**
U.S. GOVERNMENT REGAINS \$19 MILLION FROM AIRCRAFT ENGINE PROGRAM
1 MAR. 1989 2p NASA RELEASE-89-26

- P89-10027**
CONTRACTS AWARDED FOR ADVANCED LAUNCH SYSTEM ADVANCED DEVELOPMENT PROPULSION
2 MAR. 1989 2p NASA RELEASE-89-27
- P89-10028**
U.S./USSR TO IMPLEMENT MEDICAL COMMUNICATIONS SATELLITE LINK
9 MAR. 1989 2p NASA RELEASE-89-28
- P89-10029**
NASA GODDARD CENTER REQUESTS COMMERCIAL LAUNCH SERVICES PROPOSALS
9 MAR. 1989 1p NASA RELEASE-89-29
- P89-10030**
ARTIFICIAL CLOUDS TO BE VISIBLE IN CANADA AND U.S.
10 MAR. 1989 3p NASA RELEASE-89-30
- P89-10031**
DISCOVERY'S RETURN-TO-FLIGHT PHOTOGRAPHS RECORD MANY FIRSTS
14 MAR. 1989 3p NASA RELEASE-89-31
- P89-10032**
NASA AND JAPAN SIGN SPACE STATION MEMORANDUM OF UNDERSTANDING
14 MAR. 1989 2p NASA RELEASE-89-32
- P89-10033**
NEW EARTHQUAKE FAULTS DISCOVERED WITH LANDSAT IMAGES
15 MAR. 1989 2p NASA RELEASE-89-33
- P89-10034**
SHUTTLE ORBITER-NAMING COMPETITION STATE-LEVEL WINNERS ANNOUNCED
20 MAR. 1989 2p NASA RELEASE-89-34
- P89-10035**
NASA COMPLETES ADVANCED WING FLIGHT PROGRAM, PLANS SYMPOSIUM
21 MAR. 1989 2p NASA RELEASE-89-35
- P89-10036**
NASA ADMINISTRATOR FLETCHER RESIGNS
21 MAR. 1989 1p NASA RELEASE-89-36
- P89-10037**
ENVIRONMENTAL IMPACT STATEMENT FOR ASRM ISSUED
21 MAR. 1989 2p NASA RELEASE-89-37
- P89-10038**
SHUTTLE-C USERS' CONFERENCE SLATED FOR MAY 25-26
22 MAR. 1989 2p NASA RELEASE-89-38
- P89-10039**
ASTRONAUT HAUCK DEPARTING NASA FOR NAVY POST AT PENTAGON
23 MAR. 1989 1p NASA RELEASE-89-39
- P89-10040**
FINANCING ARRANGED FOR AMMONIUM PERCHLORATE PLANT
28 MAR. 1989 1p NASA RELEASE-89-40
- P89-10041**
ROSEN NAMED ACTING ASSOCIATE ADMINISTRATOR
30 MAR. 1989 1p NASA RELEASE-89-41
- P89-10042**
NASA LEWIS AWARDS CONTRACTS FOR ADVANCED POWER SYSTEM
31 MAR. 1989 2p NASA RELEASE-89-42
- P89-10043**
NASA SELECTS SMALL EXPLORER MISSIONS
4 APR. 1989 2p NASA RELEASE-89-43

P89-10044
ASTRONAUTS NAMED FOR TWO SPACE SCIENCE MISSIONS
5 APR. 1989 2p NASA RELEASE-89-44

P89-10045
NASA TO EXPAND UNIVERSITY RESEARCH PARTNERSHIP
7 APR. 1989 2p NASA RELEASE-89-45

P89-10046
SPACE SHUTTLE TO DEPLOY MAGELLAN PLANETARY SCIENCE MISSION
APR. 1989 36p NASA RELEASE-89-46

P89-10047
NASA PLANS F-16XL SUSTAINED-SUPERSONIC AIRFLOW RESEARCH TESTS
10 APR. 1989 1p NASA RELEASE-89-47

P89-10048
NASA CONDUCTS FIRST GLOBAL SURFACE RADIATION BUDGET EXPERIMENT
12 APR. 1989 3p NASA RELEASE-89-48

P89-10049
ACTING NASA ADMINISTRATOR TO RESIGN
13 APR. 1989 2p NASA RELEASE-89-49

P89-10050
DEADLINE SET FOR NEXT ASTRONAUT SELECTION
17 APR. 1989 1p NASA RELEASE-89-50

P89-10051
HARRIS CORP. SELECTED TO NEGOTIATE MAJOR KSC COMPUTER UPGRADE
18 APR. 1989 2p NASA RELEASE-89-51

P89-10052
NASA ASTRONOMER DISCOVERS 'NEAR-MISS' ASTEROID THAT PASSED EARTH
19 APR. 1989 2p NASA RELEASE-89-52

P89-10053
NASA AIRCRAFT TO SUPPORT INTERNATIONAL GLOBAL OCEAN STUDY
19 APR. 1989 3p NASA RELEASE-89-53

P89-10054
NASA SELECTS FLIGHT TELEROBOTIC SERVICER DEVELOPMENT CONTRACTOR
20 APR. 1989 2p NASA RELEASE-89-54

P89-10055
MULTI-COLORED, ARTIFICIAL CLOUD TO BE VISIBLE ALONG EAST COAST
20 APR. 1989 2p NASA RELEASE-89-55

P89-10056
MOBILE SATELLITE SYSTEM PROVEN IN AIRBORNE TEST
20 APR. 1989 2p NASA RELEASE-89-56

P89-10057
NASA SELECTS CONTRACTOR TO DEVELOP ADVANCED SOLID ROCKET MOTOR
21 APR. 1989 3p NASA RELEASE-89-57

P89-10058
NASA TO SUPPORT COMMERCIAL DEVELOPMENT SOUNDING ROCKET FLIGHTS
21 APR. 1989 2p NASA RELEASE-89-58

P89-10059
NASA TO FLY ONE SHUTTLE MISSION BETWEEN MAGELLAN AND GALILEO
21 APR. 1989 1p NASA RELEASE-89-59

P89-10060
ASSOCIATE DEPUTY ADMINISTRATOR HINNERS TO RESIGN
24 APR. 1989 2p NASA RELEASE-89-60

P89-10061
ODOM ANNOUNCES RETIREMENT FROM NASA
24 APR. 1989 2p NASA RELEASE-89-61

P89-10062
MCBRIDE TO LEAVE NASA; BRAND NAMED COMMANDER OF STS-35
24 APR. 1989 2p NASA RELEASE-89-62

P89-10063
U.S. LAUNCHES MOST AMBITIOUS SPACE SCIENCE PERIOD
26 APR. 1989 2p NASA RELEASE-89-63

P89-10064
NASA FINAL PROPFAN PROGRAM FLIGHT TESTS CONDUCTED
1 MAY 1989 3p NASA RELEASE-89-64

P89-10065
EIGHT FIRMS NAMED NASA QUALITY AND PRODUCTIVITY FINALISTS
1 MAY 1989 2p NASA RELEASE-89-65

P89-10066
VIRGINIA TECH STUDENTS BUILD MOCKUP OF NATIONAL AERO-SPACE PLANE
1 MAY 1989 2p NASA RELEASE-89-66

P89-10067
APOLLO 11 CREW 20TH ANIVERSARY PRESS CONFERENCE SCHEDULED
3 MAY 1989 1p NASA RELEASE-89-67

P89-10068
LOGO SELECTED FOR SPACE STATION FREEDOM PROGRAM
5 MAY 1989 1p NASA RELEASE-89-68

P89-10069
NASA FLIES FIRST AIRCRAFT SELF-DIAGNOSTICS SYSTEM
5 MAY 1989 2p NASA RELEASE-89-69

P89-10070
PRESIDENT BUSH NAMES REPLACEMENT ORBITER 'ENDEAVOUR'
10 MAY 1989 2p NASA RELEASE-89-70

P89-10071
ASTRONAUTS NAMED TO TWO DOD MISSIONS SCHEDULED FOR 1990
11 MAY 1989 2p NASA RELEASE-89-71

P89-10072
MOSER TO LEAVE NASA MAY 13
12 MAY 1989 2p NASA RELEASE-89-72

P89-10073
NASA ANNOUNCES UPCOMING SHUTTLE FLIGHT SEQUENCE
12 MAY 1989 1p NASA RELEASE-89-73

P89-10074
NASA TO TEST SPACE SHUTTLE LANDING GEAR
15 MAY 1989 2p NASA RELEASE-89-74

P89-10075
TRULY SELECTS KELLER AS ASSOCIATE DEPUTY ADMINISTRATOR
16 MAY 1989 2p NASA RELEASE-89-75

P89-10076
NASA TO FEATURE HUBBLE SPACE TELESCOPE AT PARIS AIR SHOW
17 MAY 1989 1p NASA RELEASE-89-76

P89-10077
SPACE STATION PROGRAM LEADERSHIP SELECTED BY TRULY
18 MAY 1989 2p NASA RELEASE-89-77

P89-10078
BRIDWELL TO MANAGE SHUTTLE PROJECTS OFFICE AT MARSHALL
18 MAY 1989 1p NASA RELEASE-89-78

P89-10079
COMMERCIAL SPACE RESEARCH LEADS TO IMPROVED POWER SUPPLY DEVICE
24 MAY 1989 1p NASA RELEASE-89-79

P89-10080
NASA/DARPA LOW-COST PARALLEL-PROCESSING COMPUTER DEMONSTRATED
26 MAY 1989 2p NASA RELEASE-89-80

P89-10081
NASA COMMERCIAL PROGRAMS OFFICE TO EXHIBIT AT PARIS AIR SHOW
30 MAY 1989 1p NASA RELEASE-89-81

P89-10082
NASA CELEBRATES FLIGHT OF FIRST HYPERSONIC RESEARCH AIRCRAFT
30 MAY 1989 2p NASA RELEASE-89-82

P89-10083
U.S./U.S.S.R. SPACEBRIDGE HELPING ARMENIAN EARTHQUAKE VICTIMS
1 JUN. 1989 2p NASA RELEASE-89-83

P89-10084
NASA SELECTS UNIVERSITIES FOR ADVANCED ENGINEERING DESIGN GRANTS
2 JUN. 1989 2p NASA RELEASE-89-84

P89-10085
SMITH APPOINTED DEPUTY DIRECTOR, NASA STENNIS SPACE CENTER
2 JUN. 1989 1p NASA RELEASE-89-85

P89-10086
TRACKING AND DATA RELAY SATELLITE-4 DECLARED OPERATIONAL
5 JUN. 1989 2p NASA RELEASE-89-86

P89-10087
AL DIAZ SELECTED AS DEPUTY ASSOCIATE ADMINISTRATOR FOR SCIENCE
6 JUN. 1989 1p NASA RELEASE-89-87

P89-10088
HARTSFIELD TO HEAD SPACE FLIGHT/SPACE STATION INTEGRATION OFFICE
7 JUN. 1989 1p NASA RELEASE-89-88

P89-10089
ASTRONAUT 'PINKY' NELSON TO LEAVE NASA
9 JUN. 1989 2p NASA RELEASE-89-89

P89-10090
CHINESE ARTIFACT PROVIDES CLUE TO EARTH'S ROTATION
12 JUN. 1989 3p NASA RELEASE-89-90

P89-10091
SOLICITATION PACKAGE RELEASED FOR USE OF TDRS C-BAND
12 JUN. 1989 1p NASA RELEASE-89-91

P89-10092
NASA, AMROC AGREE TO CRITICAL CHEMICAL EXCHANGE
14 JUN. 1989 1p NASA RELEASE-89-92

P89-10093
NASA ISSUES UPDATED MIXED FLEET MANIFEST
14 JUN. 1989 2p NASA RELEASE-89-93

P89-10094
NASA PROGRAMS GENERATE MORE THAN 300,000 JOBS, STUDY SHOWS
14 JUN. 1989 1p NASA RELEASE-89-94

P89-10095
U.S./SOVIET SPACEBRIDGE PROJECT EXTENDED TO ASSIST TRAIN VICTIMS
15 JUN. 1989 2p NASA RELEASE-89-95

P89-10096
NASA GODDARD TO OPEN SPACE ROBOTICS ADVANCED TECHNOLOGY FACILITY
15 JUN. 1989 2p NASA RELEASE-89-96

P89-10097
NASA SCIENTISTS IDENTIFY MOLECULAR STRUCTURE OF BLOOD PROTEIN
15 JUN. 1989 2p NASA RELEASE-89-97

P89-10098
CONTRACTOR CHOSEN FOR STENNIS FACILITY OPERATING SUPPORT SERVICES
15 JUN. 1989 1p NASA RELEASE-89-98

P89-10099
CONTRACTORS SELECTED FOR ADVANCED LAUNCH SYSTEM STUDIES
16 JUN. 1989 2p NASA RELEASE-89-99

P89-10100
SATELLITE SERVICING CONFERENCE SET FOR JOHNSON SPACE CENTER
16 JUN. 1989 1p NASA RELEASE-89-100

P89-10101
TWO COMPANIES CHOSEN FOR WORK ON LIFE SCIENCE SATELLITE
20 JUN. 1989 1p NASA RELEASE-89-101

P89-10102
COMMERCIAL LAUNCH SERVICES SYMPOSIUM HELD
23 JUN. 1989 2p NASA RELEASE-89-102

P89-10103
TANNER TO LEAVE NASA
27 JUN. 1989 2p NASA RELEASE-89-103

NEWS RELEASES

P89-10104
NASA SELECTS SCIENCE EXPERIMENTS FOR SPACE STATION FREEDOM
28 JUN. 1989 4p NASA RELEASE-89-104

P89-10105
NASA SELECTS SCIENCE EXPERIMENTS FOR MICROGRAVITY MISSIONS
29 JUN. 1989 3p NASA RELEASE-89-105

P89-10106
NASA SPACE SHUTTLE CREW ASSIGNMENTS ANNOUNCED
29 JUN. 1989 2p NASA RELEASE-89-106

P89-10107
BOEING, MARTIN MARIETTA TO STUDY SPACE TRANSFER VEHICLE CONCEPTS
30 JUN. 1989 1p NASA RELEASE-89-107

P89-10108
LEE APPOINTED DIRECTOR OF MARSHALL SPACE FLIGHT CENTER
6 JUL. 1989 2p NASA RELEASE-89-108

P89-10109
HARRIS CORP. SELECTED FOR ADVANCED COMMUNICATIONS TECHNOLOGY WORK
6 JUL. 1989 1p NASA RELEASE-89-109

P89-10110
NASA'S VOYAGER 2 FINDS NEW MOON AROUND NEPTUNE
7 JUL. 1989 2p NASA RELEASE-89-110

P89-10111
BALLHAUS RESIGNS AS DIRECTOR OF NASA'S AMES RESEARCH CENTER
7 JUL. 1989 2p NASA RELEASE-89-111

P89-10112
NASA, CANADIANS TO FLY PLASMA EXPERIMENT ON OMV MISSION
7 JUL. 1989 2p NASA RELEASE-89-112

P89-10113
NASA AND GERMAN MINISTRY SIGN SPACE TRANSPORTATION AGREEMENT
10 JUL. 1989 1p NASA RELEASE-89-113

P89-10114
LANGLEY RESEARCH CENTER WIND TUNNEL MISHAP STUDY REPORT RELEASED
11 JUL. 1989 2p NASA RELEASE-89-114

P89-10115
FORCE TO HEAD NASA SPACE OPERATIONS, ALLER TO LEAVE CIVIL SERVICE
12 JUL. 1989 2p NASA RELEASE-89-115

P89-10116
NASA EXHIBIT AT EAA FOCUSES ON 'INVESTING IN THE FUTURE'
13 JUL. 1989 3p NASA RELEASE-89-116

P89-10117
APOLLO-ERA TECHNOLOGY SPINOFFS CONTINUE TO ENHANCE HUMAN LIFE
13 JUL. 1989 2p NASA RELEASE-89-117

P89-10118
NASA AWARDS GRANTS FOR FUTURE EXPLORATION STUDIES
18 JUL. 1989 3p NASA RELEASE-89-118

P89-10119
APOLLO-11 LUNAR EXPERIMENT STILL USEFUL AFTER 20 YEARS
17 JUL. 1989 3p NASA RELEASE-89-119

P89-10120
CONTRACTOR SELECTED FOR MEDIUM EXPENDABLE LAUNCH VEHICLE SERVICES
18 JUL. 1989 1p NASA RELEASE-89-120

P89-10121
SCIENCE OBSERVATIONS SELECTED FOR NASA/ESA HUBBLE SPACE TELESCOPE
19 JUL. 1989 3p NASA RELEASE-89-121

P89-10122
NASA STUDIES HEAVY RAIN EFFECTS ON AIRCRAFT PERFORMANCE
24 JUL. 1989 3p NASA RELEASE-89-122

P89-10123
U.S./USSR EARTH SCIENCES GROUP IDENTIFY AREAS OF COOPERATION
21 JUL. 1989 2p NASA RELEASE-89-123

P89-10124
NASA TO STUDY HOW VEGETATION INFLUENCES WEATHER, CLIMATE
24 JUL. 1989 2p NASA RELEASE-89-124

P89-10125
O'BRIEN RETURNS TO NASA AS ASSISTANT DEPUTY ADMINISTRATOR
25 JUL. 1989 1p NASA RELEASE-89-125

P89-10126
TRULY ASSIGNS JSC'S COHEN TO LEAD NASA PREPARATION FOR NEW CIVIL SPACE GOALS
27 JUL. 1989 1p NASA RELEASE-89-126

P89-10127
MILESTONE REACHED IN SUPERCONDUCTIVITY
28 JUL. 1989 2p NASA RELEASE-89-127

P89-10128
VOYAGER DISCOVERS 3 ADDITIONAL MOONS AROUND NEPTUNE
3 AUG. 1989 2p NASA RELEASE-89-128

P89-10129
NEW SYSTEM USES ARTIFICIAL INTELLIGENCE TO MONITOR SPACECRAFT
9 AUG. 1989 2p NASA RELEASE-89-129

P89-10130
NASA PARTICIPATES IN FIRST 'AIRSHOW CANADA'
8 AUG. 1989 2p NASA RELEASE-89-130

P89-10131
VOYAGER 2 ENCOUNTER OF NEPTUNE
AUG. 1989 27p NASA RELEASE-89-131

P89-10132
TWO PARTIAL RINGS OF NEPTUNE DISCOVERED BY VOYAGER SPACECRAFT
11 AUG. 1989 2p NASA RELEASE-89-132

P89-10133
ANTENNA IN JAPAN TO AID VOYAGER'S RADIO SCIENCE STUDY OF NEPTUNE
16 AUG. 1989 3p NASA RELEASE-89-133

P89-10134
VOYAGER SPACECRAFT DETECTS RADIO EMISSIONS FROM NEPTUNE
18 AUG. 1989 2p NASA RELEASE-89-134

P89-10135
CONTRACTS AIM AT BREAKTHROUGHS IN AIRCRAFT COMPOSITE STRUCTURES
31 AUG. 1989 3p NASA RELEASE-89-135

P89-10136
NASA DESIGNATES 17 SPACE GRANT COLLEGES/CONSORTIA
31 AUG. 1989 2p NASA RELEASE-89-136

P89-10137
INTELSAT SELECTED FOR USE OF TDRS C-BAND
1 SEP. 1989 1p NASA RELEASE-89-137

P89-10138
U.S.-U.S.S.R. LIFE SCIENCE INVESTIGATIONS TO BE LAUNCHED
6 SEP. 1989 2p NASA RELEASE-89-138

P89-10139
NASA ANNOUNCES COLLABORATIVE RESEARCH PROJECT WITH GENENTECH
7 SEP. 1989 2p NASA RELEASE-89-139

P89-10140
STUDENT FINALISTS TO PRESENT SPACE STATION PROPOSALS
8 SEP. 1989 2p NASA RELEASE-89-140

P89-10141
NASA MOBILE COMMUNICATIONS SYSTEM FIELD TESTED
14 SEP. 1989 2p NASA RELEASE-89-141

P89-10142
STUDY IDENTIFIES ECONOMIC BENEFITS FROM NASA TECHNOLOGY SPINOFFS
14 SEP. 1989 1p NASA RELEASE-89-142

P89-10143
FIRST GROUP OF PROSPECTIVE ASTRONAUTS TO ARRIVE AT JSC
14 SEP. 1989 1p NASA RELEASE-89-143

P89-10144
PLANETARY EXPLORATION FEATURED IN NEXT SATELLITE VIDEO CONFERENCE
15 SEP. 1989 2p NASA RELEASE-89-144

P89-10145
NASA TO LAUNCH NAVY COMMUNICATIONS SATELLITE
18 SEP. 1989 11p NASA RELEASE-89-145

P89-10146
NATIONAL STUDENT WINNERS NAMED IN SPACE SCIENCE COMPETITION
18 SEP. 1989 2p NASA RELEASE-89-146

P89-10147
JERRY J. FITTS APPOINTED DEPUTY ASSOCIATE ADMINISTRATOR OF OSO
22 SEP. 1989 2p NASA RELEASE-89-147

P89-10148
NASA OPENS ITS DATA BASES TO STIMULATE STUDENT SCIENCE/ENGINEERING
25 SEP. 1989 3p NASA RELEASE-89-148

P89-10149
STUDY SHOWS COMMON PLANTS HELP REDUCE INDOOR AIR POLLUTION
26 SEP. 1989 2p NASA RELEASE-89-149

P89-10150
NASA SELECTS SMALL BUSINESS RESEARCH PROPOSALS
28 SEP. 1989 4p NASA RELEASE-89-150

P89-10151
SHUTTLE ATLANTIS TO DEPLOY GALILEO PROBE TOWARD JUPITER
OCT. 1989 48p NASA RELEASE-89-151

P89-10152
NASA SCIENTISTS OBSERVE STRONG ANTARCTIC OZONE HOLE
28 SEP. 1989 2p NASA RELEASE-89-152

P89-10153
SECOND GROUP OF ASTRONAUT HOPEFULS TO ARRIVE AT JSC
29 SEP. 1989 1p NASA RELEASE-89-153

P89-10154
ASTRONAUTS NAMED FOR FIVE SPACE SHUTTLE MISSIONS
29 SEP. 1989 4p NASA RELEASE-89-154

P89-10155
MOOREHEAD NAMED SPACE STATION FREEDOM PROGRAM DEPUTY
2 OCT. 1989 1p NASA RELEASE-89-155

P89-10156
GEYSER-LIKE PLUME DISCOVERED ON NEPTUNE'S MOON TRITON
2 OCT. 1989 2p NASA RELEASE-89-156

P89-10157
NASA SEEKS SPACE STATION ASSURED CREW RETURN VEHICLE PROPOSALS
3 OCT. 1989 2p NASA RELEASE-89-157

P89-10158
NASA SPACECRAFT TO LOOK OUT INTO SPACE, BACK IN TIME
5 OCT. 1989 2p NASA RELEASE-89-158

P89-10159
NASA TO FURTHER DEVELOP 2 EXPLORER SCIENTIFIC SPACECRAFT
5 OCT. 1989 1p NASA RELEASE-89-159

P89-10160
NASA CONFIRMS '89 OZONE HOLE MATCHES '87 RECORD
12 OCT. 1989 2p NASA RELEASE-89-160

P89-10161
PRIVATE MEDICAL CONSULTATIONS TO BECOME SPACE FLIGHT ROUTINE
12 OCT. 1989 1p NASA RELEASE-89-161

P89-10162
ALDRICH NAMED ASSOCIATE ADMINISTRATOR FOR AERONAUTICS AND SPACE TECHNOLOGY; CRIPPEN TO HEAD SHUTTLE PROGRAM
16 OCT. 1989 2p NASA RELEASE-89-162

P89-10163

NASA'S ER-2 AIRCRAFT TAKING EARTHQUAKE
DAMAGE ASSESSMENT PHOTOS
19 OCT. 1989 1p NASA RELEASE-89-163

P89-10164

NASA AND NOAA SEND VLBI TO STUDY CALIFORNIA
EARTHQUAKE MOVEMENT
20 OCT. 1989 2p NASA RELEASE-89-164

P89-10165

TRULY UPDATES AERONAUTICS AND SPACE
PROGRAMS FOR PRESS CLUB
26 OCT. 1989 2p NASA RELEASE-89-165

P89-10166

ADMINISTRATOR TRULY GIVES BOOST TO
READING PROGRAM
27 OCT. 1989 1p NASA RELEASE-89-166

P89-10167

NASA AIRCRAFT TAKEOFF MONITOR SYSTEM MAY
ENHANCE FLIGHT SAFETY
30 OCT. 1989 2p NASA RELEASE-89-167

P89-10168

NASA PRESENTS EXCELLENCE AWARD TO
LOCKHEED
1 NOV. 1989 2p NASA RELEASE-89-168

P89-10169

NASA APPOINTS SPACELAB PAYLOAD SPECIALISTS
1 NOV. 1989 1p NASA RELEASE-89-169

P89-10170

MOBILE VLBI UNITS MEASURE MOVEMENT FROM
LOMA PRIETA EARTHQUAKE
7 NOV. 1989 2p NASA RELEASE-89-170

P89-10171

DETAILED CONSOLIDATION OF SPACE
FLIGHT/SPACE STATION OFFICES ANNOUNCED
8 NOV. 1989 2p NASA RELEASE-89-171

P89-10172

NASA SPACECRAFT TO LOOK OUT INTO SPACE,
BACK IN TIME
NOV. 1989 20p NASA RELEASE-89-172

P89-10173

FINDINGS RELEASED ON ORBITER PROCESSING
FACILITY WATER MISHAP
13 NOV. 1989 2p NASA RELEASE-89-173

P89-10174

SPACE EXPOSED TOMATO SEEDS ARE COMING
HOME
14 NOV. 1989 2p NASA RELEASE-89-174

P89-10175

RESEARCH FLIGHT RESULTS MAY AID FUTURE
AIRCRAFT DESIGNS
17 NOV. 1989 2p NASA RELEASE-89-175

P89-10176

NASA HEADS HYDROGEN FUEL TECHNOLOGY
EFFORT FOR AERO-SPACE PLANE
15 NOV. 1989 2p NASA RELEASE-89-176

P89-10177

GLOBE EXPERIMENT MEASURES WIND VELOCITY,
DIRECTION
28 NOV. 1989 2p NASA RELEASE-89-177

P89-10178

U.S./USSR SOLAR SYSTEM JOINT WORKING
GROUP MET IN MOSCOW
20 NOV. 1989 1p NASA RELEASE-89-178

P89-10179

NASA ANNOUNCES IMPLEMENTATION OF DRUG
FREE WORKPLACE PROGRAM
1 DEC. 1989 1p NASA RELEASE-89-179

P89-10180

SYNCOM IV DEPLOY, LDEF RETRIEVAL HIGHLIGHT
10-DAY COLUMBIA FLIGHT
DEC. 1989 32p NASA RELEASE-89-180

P89-10181

NASA SELECTS SMALL BUSINESS INNOVATION
RESEARCH PROJECTS
1 DEC. 1989 1p NASA RELEASE-89-181

P89-10182

COMPTON NAMES AMES RESEARCH CENTER
DIRECTOR
11 DEC. 1989 2p NASA RELEASE-89-182

P89-10183

THE YEAR IN REVIEW - 1989
22 DEC. 1989 17p NASA RELEASE-89-183

P89-10184

NASA DESIGNATES 4 ADDITIONAL SPACE GRANT
COLLEGES/CONSORTIA
21 DEC. 1989 2p NASA RELEASE-89-184

P89-10185

NASA TO COMBINE EXPLORATION AND
TECHNOLOGY ORGANIZATIONS
21 DEC. 1989 3p NASA RELEASE-89-185

P89-10186

PIONEERS MAKE FIRST MEASUREMENTS OF
INTERSTELLAR LIGHT
27 DEC. 1989 2p NASA RELEASE-89-186